

## APPENDIX A - AUTOMOBILE CLASSES

It is the intention of SCCA® to class all essentially identical vehicles from the same manufacturer (which differ only cosmetically or in nominal marquee designation) in the same class. If a version is omitted from the class listing, and is otherwise eligible for the category, then its classification will be the same as the equivalent car which is listed.

To use the catch-alls at the end of the specific car classes in Appendix A, start from the last class in the category and work up the classes until a class is found.

**Such unclassified cars will not be eligible for Solo® National Tours or the Solo® National Championships.**

See the following page for vehicles which are excluded from the Street category.

For Street Category vehicles, the vehicle manufacturer's specifications shall be used for specific wheel diameter and maximum rim width specifications.

### ABBREVIATIONS:

AWD ..... All-wheel drive

FWD ..... Front wheel drive

IRS ..... Independent rear suspension

N/A ..... Normally aspirated (atmospheric)

NOC ..... Not otherwise classified

RWD ..... Rear wheel drive

S/C ..... Supercharged

T ..... Turbocharged

V(n) ..... (n) refers to number of engine cylinders in a "Vee" block

(n)v ..... (n) refers to number of engine intake and exhaust valves

## STREET CATEGORY

Cars designated model year 1989 and older are not eligible for National Solo® competition but may continue to participate in Regional Solo® events.

EXCLUDED FROM STREET CATEGORY FOR REASONS OF STABILITY PER SECTION 3.1:

- Dodge Caliber (non-SRT)
- Fiat 500 (non-Abarth) (2012-19)
- Ford Fiesta (non-ST) (2011-19)
- Geo Tracker
- Jeep CJ series
- MINI Countryman
- Nissan Juke
- Scion iQ
- Scion xB (2004-06)
- Subaru Forester
- Suzuki Samurai
- Suzuki Sidekick

THE FOLLOWING MAKE/MODELS ARE NOT ELIGIBLE FOR STREET CATEGORY:

- Audi R8 GT & R8 Plus
- BMW 325 M-Technic
- BMW M3 Lightweight
- Callaway Corvette
- Chevrolet Camaro SS and Pontiac Firebird WS6 (Level 1 & Level 2 suspension packages) (4th gen) (1993-2002)
- Ferrari 355
- Ferrari 360 (NOC)
- Ferrari (NOC)
- Ford GT
- Lamborghini (NOC)
- Lotus Elan M100
- Lotus Sport Elise (2006)
- Mercedes-Benz Black Edition (all)
- MINI Cooper Hardtop JCW GP (2013)
- MINI Cooper S JCW (2002-05)
- Nissan GT-R NISMO & GT-R Track Edition (2012-18)
- Oldsmobile 442 HO W-41 (Sports package option)
- Pontiac Firebird Firehawk
- Porsche 911 GT2 (1997-98, 2002-05)
- Porsche 911 GT3 RS (997) (2007-08)
- Porsche 911 Turbo S & 3.6S (964) (1992-94)
- Saleen SC (Mustang)

## Super Street class (SS)

ACURA

NSX (2017-19)

ALFA ROMEO

4C (incl. Spider) (2015-19)

AUDI

R8 (*non-GT*) (2008-15)

R8 (*non-Plus*) (2016-18)

TT RS (2012-13, 2018)

BMW

i8 (2014-19)

M4 GTS

Z8

CHEVROLET

Camaro ZL1 1LE (2018-19)

Corvette Grand Sport (2017-19)

Corvette Z06 (*including Z07*

*package*) (C7) (2015-19)

Corvette ZR1 (2009-13)

DODGE & SRT

Viper & Viper GTS (non-ACR, non-TA) (2013-17)

Viper ACR (2016-17)

Viper SRT (non-ACR, non-TA 2.0) (2015-17)

Viper (NOC)

FERRARI

360 Modena & Spider (non-Challenge Stradale) (1999-2005)

FORD

Mustang Cobra R (1993, 1995, 2000)

Mustang Shelby GT350R (2015-19)

JAGUAR

F-Type R & SVR (2018-19)

LOTUS

Elise SC (2008-11)

Evora 400

Evora 410 Sport (2018)

Exige S (non-S260, non-Club Racer) (2007-11)

MCLAREN

570GT

570S

650S

MP4-12C (2012-14)

**SS (continued)****MERCEDES-BENZ**

AMG (NOC)

**NISSAN**

GT-R (excluding NISMO &amp; Track Edition) (2009-18)

**PORSCHE**

718 Boxster S &amp; GTS (2017-19)

718 Cayman S &amp; GTS (2017-19)

911 (991 chassis, incl. GT3; excl. GT2, GT3 RS, Turbo, &amp; Turbo S) (2012-19)

911 (997 chassis; incl. Carrera 4, Carrera 4S, &amp; Carrera S) (2005-12)

911 GT3 (991.2 chassis)

911 GT3 (996 &amp; 997 chassis, non-RS)

*911 Turbo (997 chassis; non-S, non-GT2) (2006-12)*

911 Turbo &amp; 911 Turbo S (996 chassis) (2001-05)

*911 Turbo (993 chassis) (1995-99)*

911 Turbo (964 chassis, non-S, non-3.6S) (1989-94)

911 Turbo (930 chassis) (1974-89)

Boxster Spyder (2011-13)

Cayman GT4 (non-Clubsport) (2016)

Cayman R (2012)

**TESLA MOTORS**

Roadster (all) (2008-13)

**“CATCH-ALL”:**

All eligible unclassified cars not covered by another catch-all listing.

**A Street class (AS)****ACURA**

NSX Alex Zanardi Signature Edition

**ALFA ROMEO**

Giulia Quadrifoglio (2017-19)

**BMW**

M2 Performance Edition (ZL9)

*M2 Competition (2019)***CADILLAC**

XLR

**CHEVROLET**

Camaro Z28 (2014-15)

Camaro ZL1 (non-1LE) (2012-15, 2017-19)

Corvette (C6, non-ZR1) (2005-13)

Corvette Stingray (C7) (2014-19)

Corvette Z06 (C5) (2001-04)

**DODGE**

Viper (non-ACR) (2008-10)

Viper GTS (1996-2005)

Viper R/T (1992-2003)

Viper SRT-10 (2003-07)

**FORD**

Mustang Boss 302 Laguna Seca (2012-13)

Mustang Shelby GT500 (2007-15)

**HONDA**

S2000 CR

**JAGUAR**

F-Type (NOC non-Project 7) (2014-18)

**LOTUS**

Elise (non-SC) (2005-11)

Esprit Turbo (1996-2004)

*Evora S (2011-15)*

Exige (non-S) (2006)

**MAZDA**

RX-7 (1993-95)

**MERCEDES-BENZ**

SLK55 AMG (2012-16)

**MORGAN**

Plus 8

Roadster (V6)

**AS (continued)****PONTIAC**

Solstice GXP (Turbo) (2007-09)

**PORSCHE**

718 Boxster (non-S) (2017-19)

718 Cayman (non-S) (2017-19)

911 (996, non-turbo) (1998-2005)

*Boxster GTS (981 chassis) (2015-16)**Boxster S (981 chassis) (2013-16)*

Boxster S (987 chassis) (2009-12)

*Cayman GTS (981 chassis) (2015-16)**Cayman S (981 chassis) (2013-16)*

Cayman S (987 chassis) (2009-12)

**SATURN**

Sky Redline (Turbo) (2007-10)

**B Street class (BS)****ACURA**

NSX (non-Zanardi Edition)

**AUDI**

RS 3 (2017-19)

RS 4 (2007-08)

RS 5 (2013-15)

RS 6 (C5 chassis) (2003-04)

S4 (2010-19)

S5 (2008-19)

S6 (2013-18)

S7 (2012-18)

*TTS (2016-19)***BMW**

1 Series M Coupe (2011-12)

M Coupe &amp; Roadster (2001-02)

M2 (except Performance Edition ZL9) (2016-18)

*M3 & M4 (F80/F82) (2015-19)*

Z4 35i &amp; 35is (2009-16)

Z4 M Coupe/Roadster (2006-08)

**CADILLAC**

ATS-V (2016-19)

**CHEVROLET***Camaro SS 1LE (V8) (2017-19)*

Corvette (C5, non-Z06) (1997-2004)

Corvette (C4, all) (1984-96)

**DETOMASO**

Mangusta

Pantera

**DODGE***Challenger R/T Scat Pack Wide-body (2019)***FORD**

Focus RS (2018)

*Mustang GT w/ Performance Package - Level 2 (2018-19)**Mustang Shelby GT350 (2015-19)***JAGUAR**

XKR Coupe

**LEXUS**

RC-F (2015-19)

**LOTUS***Evora (non-supercharged) (2010-15)*

**BS (continued)**

MASERATI

Coupe (2002-07)  
GranSport (2004-07)  
Spyder (2002-07)

MAZDA

Miata Club Sport (2003)  
MX-5 Miata MS-R (2007)

MERCEDES-BENZ

C32 AMG (2002-04)  
CLA45 AMG (2014-19)  
CLK55 AMG (2001-06)  
E63 AMG (2010-16)  
GLA45 AMG (2015-19)  
SLK32 AMG (2002-04)  
SLK350 (2005-16)  
SLK55 AMG (2005-10)

NISSAN

350Z NISMO (2004-2008)  
370Z (non-NISMO) (2009-19)  
370Z NISMO (2009-19)

PORSCHE

911 (993, non-turbo) (1995-98)  
968  
*Boxster (non-GTS, non-S, non-Spyder) (2013-16)*  
Boxster (non-S) (2009-12)  
Boxster (987, non-S) (2005-08)  
Boxster S (2005-08)  
*Cayman (non-GT4, non-GTS, non-R, non-S) (2013-16)*  
Cayman (non-S) (2009-12)  
Cayman (non-S) (2005-08)  
Cayman S (2006-08)  
Macan S & Turbo (2015-18)

SALEEN

Mustang (non-supercharged)

SHELBY

Cobra

SUBARU

STI (2019)  
STI Type RA (2018)

TESLA

Model 3 Performance (2018)

TOYOTA

Supra Turbo (1993<sup>1/2</sup>-98)

TVR

8-cyl  
V12  
V6

**C Street class (CS)****BMW**

M Coupe & M Roadster (1996-2000)

M3 (E30) (1988-91)

Z3 (6-cyl, non-M) (1997-2002)

*Z4 28i & 30i (2009-16)*

*Z4 30i & 28i (2009-16)*

Z4 Coupe & Roadster (non-M) (2003-08)

**CHEVROLET**

Corvette (1963-82)

**CHRYSLER & PLYMOUTH**

Prowler

**FERRARI**

308 & 328

**FIAT**

124 Spider (incl. Abarth) (2017-19)

**HONDA**

*S2000 (non-CR)*

**JAGUAR**

XKE

**JENSEN**

Jensen-Healey

**LOTUS**

7 & 7A

Eclat

Elan (RWD, all)

Elite (all)

Esprit (non-turbo)

Europa

**MASERATI**

BiTurbo

**MAZDA**

MX-5 Miata (non-MS-R 2007) (2006-15)

MX-5 Miata (ND1/ND2 chassis; including RF) (2016-19)

RX-7 Turbo (1987-91)

RX-8

**MERCEDES-BENZ**

SLK (NOC)

**NISSAN**

300ZX Turbo (1990-96)

**PONTIAC**

*Solstice (non-turbo; non-ZOK) (2007-10)*

**PORSCHE**

356 Carrera (4-cam)

911 (non-turbo, NOC)

911 Club Sport

914 (all)

928 (all)

944 (16v)

944 Turbo (all)

Boxster (986 chassis, all) (1997-2004)

Carrera 2 & Carrera 4 (964) (1989-94)

**SATURN**

*Sky (non-turbo) (2007-10)*

**SCION**

FR-S (with TRD suspension; incl. Release Series 1.0 and 2.0) (2013-16)

**SUBARU**

BRZ (with Performance Package) (2017-19)

*BRZ tS (2018)*

**TOYOTA**

86 (with TRD Lowering Springs, TRD Sway Bar Kit, and TRD 17-in. Forged Wheel) (2017-19)

MR2 Turbo

**D Street class (DS)**

## ACURA

Integra Type R

## ALFA ROMEO

Giulia (incl. Ti) (2017-19)

## AUDI

A3 (2.0T, all) (2015-19)

A3 quattro (3.2L V6, AWD)  
(2006-09)

A5 (2008-17)

S3 (2.0T) (2015-19)

S4 (2000-03)

TT (1.8T, non-quattro/FWD)  
(2000-06)TT (2.0T, non-quattro/FWD)  
(2008-09)

TT quattro (AWD) (2008-19)

TT quattro (AWD) (2000-06)

TTS (2009-15)

## BMW

128i (2008-13)

2 Series (228i, 230i) (4-cyl Turbo;  
F22 chassis) (2014-19)3 Series (328i, 328d, 330i) (4-cyl  
turbo; F30/F31/F34) (2012-19)4 Series (428i, 430i) (4-cyl  
Turbo; F32/F33/F36 chassis)  
(2014-19)

M3 (E36 chassis) (1995-99)

## CADILLAC

ATS (2.0L Turbo) (2013-19)

CTS (non-V, non-Vsport) (2003-  
19)

## CHEVROLET

Camaro LS & LT (2.0L Turbo;  
*including 1LE*) (2016-19)

Camaro (V6) (2010-15)

Cobalt SS (2.0L Turbo) (2008-10)

## CHRYSLER

300 (V6) (2011-19)

Crossfire (non-SRT-6)

## DODGE

Challenger (V6) (2011-19)

Charger (V6) (2011-19)

## EAGLE

Talon Turbo (AWD)

## FORD

*Focus RS* (2016-17)

Mustang EcoBoost (2015-19)

Mustang V6 (2011-17)

## HONDA

Civic Type R (2017-19)

## HYUNDAI

Genesis Coupe (4-cyl Turbo)  
(2013-16)

Genesis Coupe (V6) (2010-12)

*Veloster N (including Perform-  
ance Package)* (2019)

## INFINITI

G35 Coupe (2003-07)

G35 Sedan (2003-09)

## LEXUS

GS 350 (2005-18)

IS (all excl. IS-F) (2006-19)

SC 400 (1992-2000)

## MAZDA

Mazdaspeed6

## MERCEDES-BENZ

C-Class (6-cyl, non-AMG) (2001-  
16)

CLA250 4matic

CLK (V6) (1998-2009)

GLA250 4matic

## MINI

Clubman John Cooper Works  
All4 (2017-19)

Cooper Clubman JCW (2009-14)

Cooper Clubman S (2008-14,  
2016-19)

Cooper Coupe JCW (2013-15)

Cooper Coupe S (2013-15)

Cooper Hardtop JCW (2006-19)

Cooper Hardtop S (2002-19)

Cooper Roadster JCW (2012-15)

Cooper Roadster S (2012-15)

## MITSUBISHI

Eclipse Turbo (AWD)

*Lancer Evolution* (2003-15)

Lancer Ralliart (2009-15)

## NISSAN

*350Z (non-NISMO)* (2003-09)

**DS (continued)****SAAB**

9-2X Aero (2.0L Turbo) (2005-06)

**SCION**

FR-S (without TRD suspension components) (2013-16)

**SUBARU**

BRZ (non-Performance Package) (2013-16, 2017-19)

Legacy 2.5GT (2005-12)

WRX (non-STI) (2009-19)

WRX STI (including Special Edition) (2009-18)

**TESLA**

Model 3 (excluding Performance) (2018)

**TOYOTA**

86 (without TRD suspension and wheels) (2017-19)

**VOLKSWAGEN**

Golf R (2015-19)

Golf R (2012-13)

R32 (Golf chassis) (2004, 2008)

**E Street class (ES)****ALFA ROMEO**

2000 GTV

2000 Spider

**BMW**

Z3 (4-cyl) (1996-98)

**DATSUN**

2000

240Z

260Z

280Z

280ZX (non-turbo)

**DODGE**

Charger Turbo

GLH Turbo

**FIAT & BERTONE**

X1/9

**MAZDA**

Mazdaspeed Miata (2004-05)

Miata (non-Club Sport 2003) (1990-2005)

RX-7 (non-turbo)

**MORGAN**

4/4 & Plus 4

**PONTIAC**

Fiero (V6)

**PORSCHE**

924 Turbo (Audi engine) (1979-81)

924S (1986-88)

944 (8v)

**SHELBY**

Charger GLH-S (1987)

**SUNBEAM**

Tiger

**TOYOTA**

MR2 (non-turbo) (1985-95)

MR2 Spyder (2000-05)

MR2 Supercharged

**TRIUMPH**

TR-8

**TVR**

4-cyl

inline-6



**F Street class (FS)****AMC**

AMX

Javelin (V8)

**AUDI**

A6 (V6 Supercharged) (2008-17)

A6 (V8) (1997-2011)

S4 (V8) (2004-09)

**BMW**

135i &amp; 135is (2008-13)

335d (2009-11)

335i &amp; 335is (E9X chassis; 6-cyl Turbo) (2007-13)

3 Series (F30/F31 chassis; 6-cyl Turbo, non-M3) (2012-19)

4 Series (F32/F33/F36 chassis; 6-cyl Turbo) (2014-19)

5 series (V8)

6 series (E63/E64 &amp; F12/F13 chassis) (2003-19)

8 series coupe

M235i (F22) (2014-16)

M240i (incl. xDrive) (2017-19)

M3 (E46 &amp; E90/E92/E93 chassis) (2000-13)

M5 (1988-93, 2000-10)

**BUICK***Regal (all) (2014-19)*

Grand National &amp; Regal (V6 Turbo)

**CADILLAC**

ATS (3.6L V6)

CTS-V &amp; CTS-Vsport

**CHEVROLET**

Camaro (V8 non-supercharged, NOC)

Camaro (V6, 1LE) (2017-19)

Camaro LS &amp; LT (V6; excluding Suspension Lowering Kit and Brembo® 6-piston Front Brake Kit) (2016-19)

Camaro SS (non-1LE) (2016-19)

Camaro SS (incl. 1LE) (2010-15)

Camaro SS (base car only incl. GM-installed 1LE) (1998-2002)

Corvette (1953-62)

SS Sedan (2013-17)

**CHRYSLER**

300 (V8, all) (2004-19)

Crossfire SRT-6 (2005-06)

**DATSUN**

280ZX Turbo

**DODGE**

Challenger (V8, all) (2008-19)

Charger (V8, all) (2006-19)

Magnum (V8) (2005-08)

Ram SRT10 (2004-06)

Stealth Turbo

**FORD**

Crown Victoria

Mustang (V8, NOC)

Mustang Boss 302 (non-Laguna Seca) (2012-13)

*Mustang Bullitt (2019)*

Mustang Cobra (2003-04)

Mustang GT (*excluding Performance Package - Level 2*) (2010-19)

Mustang Mach 1 (2003-04)

Mustang Shelby GT (T82 &amp; 54U factory option package only) (2007-08)

Mustang SVT Cobra

Thunderbird (V8) (1955-88, 2002-05)

**GMC**

Syclone

Typhoon

**HYUNDAI**

Genesis Coupe (V6) (2013-15)

**INFINITI**

G37 Coupe &amp; Sedan

Q45

*Q50 Sport (2014-19)*

Q60 (2014-19)

**JAGUAR**

S-Type R

XJ (1998-2019)

XJ-S (1976-96)

XK8 (1997-2006)

Sedan (12-cyl)

**FS (continued)****KIA**

*Stinger GT, GT1, & GT2 (V6 Turbo) (2018-19)*

**LEXUS**

GS 400 (1998-2000)  
IS F (2008-14)  
RC (non-F) (2015-19)

**LINCOLN**

LS (V8) (2000-06)  
Mark VIII (1993-98)

**MERCEDES-BENZ**

C300 (2007-16)  
*C450 & C43 AMG (2015-19)*  
C36 AMG  
C55 AMG (2005-06)  
C63 AMG (non-Black Series) (2008-19)  
CLK (non-V6)  
E55 AMG  
*E Class (W212 chassis; non-AMG) (2009-16)*

**MERCURY**

Capri (V8)  
Cougar (V8) (1967-88)

**MITSUBISHI**

3000 GT Turbo

**NISSAN**

300ZX (non-turbo) (1990-96)  
300ZX Turbo (1984-89)

**PONTIAC**

Firebird (V8, NOC)  
Firebird Trans Am & Formula (WS6, base car only, including GM-installed 1LE) (1998-2002)  
G8 (V8 & NOC) (2008-09)  
GTO (2004-06)  
Trans Am Turbo (V6) (1989)

**PORSCHE**

Panamera (2010-16)

**SHELBY**

GT350 (1965-70)  
GT500 (1967-70)

**TESLA MOTORS**

Model S (2012-14)

**TOYOTA**

Supra (non-turbo) (1993-98)

Supra Turbo (1987-92)

**TRIUMPH**

Stag

“CATCH-ALL”:

V8 sedans, pick-ups, and sedan-derived convertibles (NOC)

**G Street class (GS)****ACURA**

RLX

TLX

**AUDI**

A3 (1.8T; FWD) (2015-16)

A3 Sportback e-tron (2017-18)

A4 (V6 &amp; 4-cyl Turbo)

A6 (V6 NOC &amp; 4-cyl)

A8 &amp; V8 quattro (AWD)

Quattro (Coupe Turbo)

**BMW***3 Series (E9x chassis; non-M3, non-turbo) (2007-13)**3 Series (E46 chassis; non-M) (1999-2006)*

3 Series (6-cyl, non-M3; E30, E36) (1984-98)

320i (F30/F31/F34) (2014-19)

323i Convertible, 323is, 328i Convertible, &amp; 328is (E36) (1999)

5 Series (E28, E34, &amp; E39 chassis; 6-cyl, non-M5) (1985-2003)

6 Series (E24 chassis; 6-cyl, non-M6) (1984-89)

**BUICK**

Verano Turbo (2013-17)

**CADILLAC**

ATS (2.5L 4-cyl non-turbo) (2013-16)

ELR (2014-16)

**CHEVROLET**

Cobalt Sport (2.4L) (2008)

Cobalt SS (2.4L) (2006-07)

Cobalt SS (2.0L SC) (2005-07)

Malibu (all) (2008-19)

**CHRYSLER**

200 (V6) (2010-17)

300 (V6) (2004-10)

Conquest Turbo

PT Cruiser (Turbo) (2003-09)

**DODGE**

Caliber SRT4

Challenger (V6) (2008-10)

Charger (V6) (2006-10)

Conquest Turbo

Magnum (V6) (2005-08)

Neon (1995-99)

SRT-4 (Neon chassis)

**FORD**

Focus ST (2013-18)

Fusion (6-cyl)

Fusion Sport (2017-19)

Mustang (V6) (2005-10)

Mustang SVO

Taurus SHO (1996-99, 2010-19)

Thunderbird (V8 &amp; V6 Super-charged) (1989-97)

ZX2 S/R (1999-2003)

**GENERAL MOTORS**

FWD models (4-cyl Turbo, 6-cyl, Ecotec, or Quad 4 engines, NOC)

**HONDA**

Civic Si (2017-19)

Civic Si Mugen (2008)

**HYUNDAI**

Genesis Coupe (4-cyl Turbo) (2010-12)

*Veloster Turbo (all) (2019)*

Veloster Turbo Rally Edition (2016-17)

**ISUZU**

Impulse Turbo (all)

**JAGUAR**

S-Type (6-cyl) (2002-08)

X-Type (3.0L) (2002-08)

**KIA***Stinger (4-cyl Turbo) (2018-19)***LEXUS***IS 300 (2001-05)*

SC 300 (1992-2000)

**MAZDA**

323 GT Turbo (sedan)

323 GTX Turbo (AWD)

Mazdaspeed Protégé

Mazdaspeed3

**MERCEDES**

190E (6-cyl 2.6L &amp; 4-cyl 16v)

C230 (1999-2007)

CLA250 (FWD)

GLA250 (FWD)

**GS (continued)****MERCURY**

Cougar (V8 & V6 Supercharged)  
(1989-97)

**MERKUR**

XR4Ti

**MINI**

Cooper Clubman (non-S, non-  
JCW) (2016-19)

Cooper Hardtop (non-S, non-  
JCW) (2014-19)

**MITSUBISHI**

Galant (V6 & 4-cyl Turbo)

Starion Turbo

**PLYMOUTH**

Neon (1995-99)

**SAAB**

9-2X Linear (2.5L)

Turbo models (NOC)

**SATURN**

ION Redline (Supercharged)

**SUBARU**

Impreza 2.5 (non-turbo)

*WRX (non-STI) (2002-08)*

**TOYOTA**

Celica All-Trac Turbo

Celica GT (2000-05)

Celica GTS (2000-03)

**VOLKSWAGEN**

1.8L Turbo models (NOC) (2002-  
06)

Beetle & New Beetle (1.8L Turbo)

Corrado

Golf, GTI & Jetta (1.8L Turbo)

Golf, GTI & Jetta (VR6 24v)  
(2002-05)

Golf GTI (2006-19)

Jetta & GLI (2.0L Turbo) (2006-  
18)

Passat (1.8L Turbo)

Passat (W8)

**VOLVO**

S60R (except Polestar)

V70R (except Polestar)

Turbo models (NOC)

**H Street class (HS)****ACURA**

CL (all)

ILX

Integra (all except Type R) (1986-  
2001)

Legend

RSX (all, including Type S)

TL

TSX

Vigor

**ALFA ROMEO**

1300

1600

164 (non-S) (1991-93)

1750 & 1750 GTV

2000 (4-door sedan)

GTV V6

Milano

Sedan (NOC)

**AMC**

Gremlin (4-cyl & 6-cyl)

Spirit (4-cyl & 6-cyl)

**AUDI**

80

90

100 (non-S4)

200 Turbo quattro

4000

5000 (including Turbo)

A3 (FWD) (2006-13)

Coupe quattro (non-turbo)

S4 (100 CS chassis) (1992-94)

**AUSTIN**

Mini

**AUSTIN-HEALEY**

(all)

**BMW**

1600

1800

2000 CS coupe

2002

318 (all)

320 (NOC)

7 Series (6-cyl)

i3 (2014-19)

**HS (continued)****BUICK**

Reatta  
Verano (non-turbo) (2013-17)

**CADILLAC**

Catera

**CHEVROLET**

Aveo  
Beretta (NOC)  
Bolt  
Camaro (4-cyl & 6-cyl) (1967-2002)  
Chevette  
Cobalt (2.2L, all) (2005-10)  
Corvair (all)  
Cruze  
Nova (FWD) (1986-88)  
Nova (RWD, 4-cyl & 6-cyl) (1962-79)  
Sonic (all) (2012-19)  
Spectrum  
Sprint  
Vega & Cosworth Vega  
Volt (2011-19)

**CHRYSLER**

200 (4-cyl) (2010-17)  
300M (1999-2004)  
Cirrus (V6)  
Laser (all)  
PT Cruiser (non-turbo) (2001-2010)  
Sebring (all)

**DAEWOO**  
(all)**DATSUN**

1200  
1500 & 1600 Roadster  
210 & B-210  
310  
510  
610  
710  
810  
F-10

**DODGE**

024  
Avenger (all)  
Challenger (1978-83)

Charger (non-turbo, FWD) (1981-87)

Colt (all)  
Dart (FWD) (2013-17)  
Daytona (all)  
GLH (non-turbo)  
Intrepid  
Lancer Turbo  
Neon (2000-05)  
Omni  
Rampage  
Shadow (all)  
Spirit (all)  
Stealth (non-turbo)  
Stratus (all)

**EAGLE**

Summit (all)  
Talon (all, FWD)

**FIAT**

500 Abarth (2012-19)  
NOC

**FORD**

Aspire  
Contour (all)  
Cortina  
Escort (non-ZX2 S/R)  
EXP  
Festiva  
Fiesta (1976-80)  
Fiesta ST (2014-19)  
Five Hundred  
Focus (non-ST 2013-18 and non-RS)  
Fusion (4-cyl)  
Mustang (V6) (1994-2004)  
Mustang (4-cyl, 6-cyl, & 4-cyl Turbo except SVO) (1964<sup>1/2</sup>-93)  
Pinto  
Probe (all)  
Taurus (non-SHO)  
Taurus SHO (1989-95)  
Tempo (all)  
Thunderbird (V6, non-S/C) (1989-97)  
Thunderbird Turbo Coupe  
ZX2 (non-S/R)

**HS (continued)****GENERAL MOTORS**

FWD models (NOC)  
RWD V6 models (NOC)

**GEO**

Metro  
Prizm  
Spectrum  
Storm

**HONDA**

600  
800  
Accord (all)  
Civic (all, excluding Mugen 2008)  
(1975-2015)  
Civic (non-Si, non-type R) (2016-  
19)  
CRX (all)  
CR-Z  
del Sol & Civic del Sol (all)  
Fit  
Insight  
Prelude (all)

**HYUNDAI**

Accent (1995-2019)  
Elantra (incl. GT Turbo) (1990-  
2019)  
Scoupe  
Tiburon  
Veloster (non-turbo) (2012-17,  
2019)  
Veloster Turbo (non-Rally Edi-  
tion) (2012-17)  
NOC

**INFINITI**

G20  
M30

**ISUZU**

I-Mark  
Impulse (non-turbo)  
Stylus

**JAGUAR**

120  
140  
150  
X-Type (2.5L) (2002-05)

**KIA**

Forte & Forte Koup (2.0L & 2.4L)  
Forte5 (2014-18)  
Optima  
Rio (2012-19)  
Sephia  
Spectra5

**LANCIA**

Beta  
Scorpion

**LEXUS**

CT 200h (2011-17)  
ES 250  
ES 300  
GS 300

**LINCOLN**

LS (V6)

**LOTUS**

Cortina

**MAZDA**

323 (non-turbo)  
626  
808  
929  
Cosmo  
GLC  
Mazda2 (2011-14)  
Mazda3 (2004-18)  
Mazda6 (all)  
Millenia (all)  
MX-3  
MX-6 (all)  
Protégé (non-Mazdaspeed)  
R100  
RX-2  
RX-3  
RX-4

**MERCEDES**

280 (1995-2000)  
NOC

**MERCURY**

Bobcat  
Capri (all except V8)  
Cougar (4-cyl & V6 non-S/C)  
LN-7  
Lynx

**HS (continued)**

- Milan (all)
- Montego
- Mystique (all)
- Sable
- Scorpio
- Topaz (all)
- Tracer
- MG**
- all
- MINI**
- Clubman (non-S, non-JCW)  
(2008-14)
- Cooper Coupe (non-S, non-JCW)  
(2012-15)
- Cooper Hardtop (non-S, non-  
JCW) (2002-13)
- Cooper Roadster (non-S, non-  
JCW) (2012-15)
- MITSUBISHI**
- 3000 GT (non-turbo)
- Cordia
- Eclipse (all, FWD) (1989-2012)
- Galant (4-cyl non-turbo)
- Lancer (non-turbo)
- Mirage (1978-2003)
- Precis
- Premier
- Starion (non-turbo)
- Tredia
- NISSAN/DATSUN**
- 200SX (all)
- 240SX
- 300ZX (non-turbo) (1984-89)
- Altima (all)
- Leaf (2011-19)
- Maxima (all)
- NX1600
- NX2000 (1991-93)
- Pulsar
- Sentra (all)
- Stanza
- Versa (2007-19)
- OLDSMOBILE**
- Calais W41
- OPEL**
- 1100
- 1900
- GT**
- Isuzu
- Manta
- PEUGEOT**
- 405 (all)
- 505 (1979-91)
- PININFARINA**
- 2000
- PLYMOUTH**
- Acclaim (all)
- Arrow
- Champ
- Colt
- Horizon
- Laser (non-turbo)
- Neon (2000-01)
- Sapporo
- Scamp
- Sundance (all)
- TC3
- Turismo
- PONTIAC**
- Fiero (4-cyl)
- Firebird (4-cyl & 6-cyl)
- G5 (all)
- G8 (V6) (2008-09)
- LeMans (FWD) (1988-93)
- Sunfire
- T-1000
- Vibe
- PORSCHE**
- 356 (non-Carrera)
- 912
- 924 (Audi engine, non-turbo)
- RENAULT**
- NOC
- SAAB**
- 900 (V6) (1994-97)
- NOC
- SATURN**
- 8v engine
- Astra (2008-09)
- DOHC model (NOC)
- ION (non-supercharged)
- L series (all)

**HS (continued)****SCION**

iA (2016)  
 iM (2016)  
 tC (incl. Release Series 5.0 2009)  
 (2005-16)  
 xA (2004-06)  
 xB (2008-12)

**SHELBY**

Charger (non-turbo)

**SUBARU**

Impreza (NOC)  
 Impreza 2.0i  
 Legacy (NOC)  
 SVX  
 Sedan Turbo (NOC)  
 NOC

**SUNBEAM**

Alpine

**SUZUKI**

Esteem GL  
 Forenza  
 Kizashi (2010-13)  
 Swift  
 SX4 sedan (2007-13)

**TOYOTA**

Camry (all)  
 Celica (FWD; NOC)  
 Celica (all, non-AWD) (1971-99)  
 Corolla  
 Cressida  
 Echo  
 Matrix  
 Paseo  
 Prius (all)  
 Starlet  
 Supra (non-turbo) (1979-92)  
 Tercel  
 Yaris

**TRIUMPH**

all except Stag & TR-8

**VOLKSWAGEN**

air-cooled engine (all)  
 diesel engine (non-turbo) (all)  
 Beetle (2.0L)  
 Dasher  
*e-Golf (2015-18)*

Eos (2.0T) (2007-16)

Fox

Golf, GTI, & Jetta (16v non-turbo)

Golf, GTI, & Jetta (8v, all)

Golf TDI

*Jetta (1.4T) (2016-19)*

Jetta (2.5L) (2005-14)

Jetta TDI (2005-06, 2009-15)

New Beetle (NOC)

Passat (4-cyl non-turbo & V6)

Quantum

Rabbit & Rabbit GTI (all, NOC)

Rabbit (2007-09)

Scirocco (all)

VR6 (FWD, NOC)

**VOLVO**

C30

NOC

**YUGO**

all

“CATCH-ALL”:

RWD pickup trucks (NOC)





**SUPER STREET-R CLASS (SSR)**

This class combines high-performance production cars with the highest performing DOT tires. All rules are the same as Section 13, Street Category, with the following exceptions:

**TIRES**

Sections 13.3.A.1 (minimum UTQG Treadwear Grade), 13.3.A.2 (minimum molded tread depth), and 13.3.A.5 (tires must be designed for highway use) does not apply. (DOT competition, DOT-R, R-comps, etc. tires are eligible.)

Section 13.3.C.4 (the tire exclusion list) is replaced with the following list which may be altered at any time by the SEB upon notification of the membership:

- Kumho Ecsta W710

**ALFA ROMEO**

4C (2015-16)

**AUDI**

TT RS (2012-13)

**BMW**

M3 & M4 (F80/F82 chassis)  
(2015-17)

**CADILLAC**

XLR

**CHEVROLET**

Camaro SS 1LE (V8) (2017)  
Camaro Z28 (2014-15)  
Camaro ZL1 (2012-15, 2017)  
Corvette (C6, non-ZR1) (2005-13)  
Corvette Grand Sport (C7) (2017-19)  
Corvette Stingray (C7) (2014)  
Corvette Z06 (C5) (2001-04)

**DODGE & SRT**

Viper & Viper GTS (non-ACR,

non-TA) (2013-17)

Viper (non-ACR) (2008-10)

Viper SRT-10 (2003-07)

Viper GTS (1996-2005)

Viper R/T (1992-2003)

**FORD**

Mustang Boss 302 Laguna Seca  
(2012-13)

Mustang Shelby GT350 &  
GT350R (2015-16)

Mustang Shelby GT500 (2007-15)

**JAGUAR**

F-Type (non-Project 7) (2014-16)

**LOTUS**

Elise (non-SC) (2005-11) (see Appendix F)

Evora S (2011-14)

Exige (non-S) (2006)

**MERCEDES-BENZ**

AMG (NOC)

**PORSCHE**

718 Boxster (all) (2017)

718 Cayman (all) (2017)

911 (991 chassis; non-R, non-Turbo, non-Turbo S, non-GT2, non-GT3) (2015-17)

911 (991 chassis; non-GT3)  
(2012-14)

911 (997 chassis)

911 GT3 (997 chassis, non-RS)

911 GT3 (996 chassis)

911 Turbo (930 chassis) (1974-89)

Boxster S (2009-14)

Boxster Spyder (2011-12)

Cayman GT4 (non-Clubsport)  
(2016)

Cayman R (2012)

Cayman S (2009-14)

**TESLA MOTORS**

Roadster (all) (2008-13)



**STREET TOURING® CATEGORY****Street Touring® Ultra (STU)****ALFA ROMEO**

Giulia (2.0T) (2016-17)

**AUDI**

S4

S5

TTS quattro (2008-15)

**BMW**

135i

228i (2014-15)

3 Series (E9x chassis, NOC incl.

M3) (2006-13)

M235i (2014-16)

M3 (E46) (2000-05)

*X1 (2013-15)\****CADILLAC**

ATS (2.0L) (2012-18)

**CHEVROLET**

Camaro (N/A)

Corvette (C4, excl. LT4 engine &  
ZR1) (1984-96)Corvette (C5, non-Z06) (1997-  
2004)**DODGE**

Challenger (V8, N/A) (2008-15)

Charger (V8, N/A) (2006-15)

**FIAT**

124 Spider (2016-18)

**FORD**

Focus RS (2016-17)

Mustang (N/A)

Mustang GT, V6, & EcoBoost  
(2.3T) (2015-17)**HONDA***Civic Type R (2017-18)***HYUNDAI**

Genesis (V6)

Genesis (2.0T 4-cyl) (2013-16)

**INFINITI**

G35 Coupe

G37

**LEXUS**

IS F

**MAZDA**

Mazdaspeed Miata (2004-05)

**MERCEDES-BENZ**

CLK430 (1999-2003)

CLK55 (2001-06)

**MINI***Cooper S & Cooper S JCW (2007-  
2018)**Cooper (non-S) (2014-2018)***MITSUBISHI**

Lancer Evolution

**NISSAN**

300ZX Turbo (1984-89)

350Z (non-NISMO)

370Z (non-NISMO)

*370Z NISMO (2009-17)***PONTIAC**

Firebird (N/A)

GTO (2004-06)

**PORSCHE**

Boxster (987.2 &amp; 981.1) (2009-15)

Boxster S (987) (2005-12)

Cayman (987.2 & 981.1) (2009-  
15)

Cayman S (987) (2006-12)

**SUBARU**

Impreza WRX STI

**VOLKSWAGEN**

Golf R (Mk7) (2015-17)

**VOLVO**

S60R

**“CATCH-ALL”:**Sedans & Coupes NOC (non-  
sports-car-based; 4-seat min.;  
over 5.1L normally aspirated or  
2.5L to 3.1L forced induction)*\*All vehicles must meet the re-  
quirements of Section 3.1.*

**Street Touring® Roadster (STR)****BMW**

M Coupe (1998-2002)  
 M Roadster (1998-2002)  
 M3 (E36, non-LTW) (1995-99)  
 Z3 (6-cyl)  
 Z4 (non-turbo, non-M)

**DATSUN**

240Z  
 260Z  
 280Z  
 280ZX (non-turbo)

**HONDA**

S2000

**MAZDA**

Miata (non-turbo) (1994-2005)  
 MX-5 Miata (2006-18)  
 RX-7 GSL  
 RX-7 GSL-SE  
 RX-7 GXL  
 RX-7 GTU (1988)

**MERCEDES-BENZ**

SLK 230 Kompressor (1996-2004)

**PONTIAC**

Fiero (V6)  
 Solstice (non-turbo)

**PORSCHE**

911 Carrera (3.2L) (1984-89)  
 911 SC (3.0L) (1978-83)  
 924  
 944 (non-turbo)  
 968  
 Boxster (986 and 987.1; base model) (1997-2008)  
 Boxster S (986) (2000-04)  
 Cayman (987.1; base model) (2007-08)

**TOYOTA**

MR2 Spyder  
 MR2 Supercharged (1988-89)

**SATURN**

Sky (non-turbo)

**Street Touring® Xtreme (STX)****ACURA**

ILX (2013-16)  
 Integra (non-Type R) (1994-2001)  
 Integra Type R  
 RSX  
 TSX

**BMW**

128i (2008-13)  
 3 Series (E30 chassis, incl. M3)  
 3 Series (E36 chassis, non-M)  
 3 Series (E46 chassis, non-M)  
 3 Series (E9x chassis, non-M, non-turbo) (2006-13)  
 M5 (E39) (1998-2003)

**CHEVROLET**

Cobalt (2.4L N/A & 2.0L S/C)  
 S10 (4-cyl & 6-cyl, N/A)\*

**DODGE**

Challenger (V6) (2008-18)  
 Charger (V6) (2006-18)  
 Dakota (4-cyl & 6-cyl, N/A)\*  
 Dart (2.4L N/A) (2013-16)

**FORD**

Ranger (4-cyl & 6-cyl, N/A)\*

**GMC**

Sonoma (4-cyl & 6-cyl, N/A)\*

**HONDA**

Civic Si (2002-15)

**INFINITI**

G35 Sedan

**LEXUS**

IS 250  
 IS 300  
 IS 350  
 SC300

**MAZDA**

RX-8

**MINI**

Cooper S & Cooper S JCW (including dealer-installed 2005-06) (2001-06)

**MITSUBISHI**

Eclipse (V6) (2006-12)

**STX (continued)**

NISSAN  
 240SX  
 300ZX (non-turbo) (1984-96)  
 Sentra SE-R (2000-12)  
 Sentra SE-R Spec V

SAAB  
 9-3 (non-Viggen) (1998-2012)

SATURN  
 Ion (2.4L & 2.0L S/C)

SCION  
 FR-S

SUBARU  
 BRZ (2013-17)

TOYOTA  
 86 (2017)  
 Supra (non-turbo) (1993-98)  
 Tacoma (1995-2016)

VOLKSWAGEN  
 Corrado (all)  
 Passat (VR6 & W8)  
 R32

“CATCH-ALL”:  
 Sedans & Coupes NOC (non-  
 sports-car-based, 4-seat mini-  
 mum; 3.1L to 5.1L normally  
 aspirated)

\* All vehicles must meet the re-  
 quirements of Section 3.1.

**Street Touring® Sport (STS)**

ACURA  
 Integra (1986-93)

BMW  
 Z3 (4-cyl)

CHEVROLET  
 Cobalt (2.2L, N/A)  
 Cruze (2008-16)  
 Sonic (non-turbo) (2012-17)  
 Spark  
 Sprint (1985-88)  
 Volt (2011-15)

CHRYSLER/PLYMOUTH/DODGE  
 Neon (all) (1995-99)  
 Neon (NOC) (2000-05)  
 Neon R/T & ACR (2001-04)

DODGE  
 Dart (2.0L N/A) (2013-15)

FIAT  
 500 (non-turbo) (2012-15)\*

FORD  
 Escort GT (1991-96)  
 Fiesta (1.0T EcoBoost)  
 Fiesta (non-turbo) (2011-15)\*  
 Focus (non-turbo)  
 ZX2 & Excort ZX2 (1998-2003)

HONDA  
 Accord (4-cyl) (1998-2015)  
 Accord (6-cyl) (1998-2013)  
 Accord (1994-97)  
 Civic (non-Si) (2006-15)  
 Civic (non-Si) (2001-05)  
 Civic (1984-2000)

CRX  
 CR-Z  
 del Sol & Civic del Sol  
 Fit  
 Insight

HYUNDAI  
 Accent (2012-15)  
 Elantra (2001-15)  
 Tiburon (V6) (2003-08)  
 Veloster (non-turbo) (2011-15)

**STS (continued)****KIA**

Forte & Forte Koup (non-turbo)  
Rio (2012-15)

**LEXUS**

CT 200h (2011-16)

**MAZDA**

323  
Mazda2  
Mazda3  
Mazda6  
Miata (non-Torsen differential)  
(1990-97)  
Protégé (NOC) (1999-2003)  
Protégé MP3  
RX-7 (non-turbo, NOC)

**MINI**

Cooper (non-S) (2000-13)

**MITSUBISHI**

Lancer (non-turbo)

**NISSAN**

200SX SE-R (1995-98)  
Sentra (1.6L, 1.8L, 2.0L) (1991-  
2012)  
NX2000 (1991-94)  
Versa (2007-13)

**PONTIAC**

Fiero (4-cyl)  
G5 (2.2L)  
Vibe (2003-10)

**PORSCHE**

914 (4-cyl)

**SATURN**

Astra  
Ion (2.2L)  
SL  
SW  
SC

**SCION**

iA (2016)  
iM (2016)  
iQ CVT  
tC

xA

xB

xD (2008-13)

**SUBARU**

Impreza (1.8L, FWD) (1993-96)  
Impreza 2.0i (2012-15)  
Impreza 2.5 RS (1998-2001)  
Legacy (1990-94)

**SUZUKI**

Swift (N/A) (1994)

**TOYOTA**

Celica (non-turbo) (1986-2005)  
Corolla (1984-97 & 2003-15)  
Echo (2000-05)  
Matrix (2003-13)  
MR2 (non-supercharged) (1985-  
89)  
MR2 (non-turbo) (1991-95)  
Yaris

**VOLKSWAGEN**

Beetle (2.5L 5-cyl)  
Beetle (2.0L 8v) (1998-2006)  
Golf & Cabrio (2.0L 8v) (1998-  
2006)  
Golf & Jetta (TDI) (1999-2006)  
Golf/Rabbit & Jetta (2.5L 5-cyl)  
Jetta (2.0L 8v) (2000-04)  
Golf/Rabbit, GTI, & Cabrio (1974-  
92)

**VOLVO**

240 Turbo (1981-85)  
S40 (non-T5)  
V40

**“CATCH-ALL”**

Sedans & Coupes NOC (non-  
sports-car-based; 4-seat mini-  
mum; up to 3.1L normally-aspi-  
rated)

\*All vehicles must meet the re-  
quirements of Section 3.1.

**Street Touring® Hatchback (STH)**

## AUDI

A3

A4

A4 (1.8T)

TT Coupe &amp; Roadster (FWD)

TT quattro (AWD)

## CHEVROLET

*Bolt*

Cobalt (2.0T)

Sonic (Turbo) (2012-15)

## DODGE

Dart

SRT-4 (2003-05)

## EAGLE

Talon Turbo (AWD)

## FIAT

500 Abarth

500 Turbo (2013-16)\*

## FORD

Fiesta ST

Focus ST

*Fusion Sport (2017-19)*

## HONDA

Civic Si (2017-18)

## HYUNDAI

Genesis (2.0L Turbo) (2010-12)

Veloster (2012-16)

## KIA

Forte &amp; Forte Koup (Turbo)

## MAZDA

Mazdaspeed3

Mazdaspeed6

Mazdaspeed Protégé

323 GT &amp; 323 GTX

## MITSUBISHI

Eclipse Turbo (AWD)

Lancer Ralliart (2008-10)

## NISSAN

Juke (2011-16)\*

## PONTIAC

G5 (2.0L Turbo)

## SUBARU

Forester XT

WRX (non-STI) (2002-16)

Legacy GT (2005-08)

## VOLKSWAGEN

Beetle (1.8T, 2.0T, &amp; TDI)

Golf &amp; GTI (1.8T &amp; 2.0T)

Golf R (2012-14)

Jetta (1.8T &amp; 2.0T)

Golf &amp; Jetta (TDI) (2007-15)

Passat (1.8T, 2.0T, &amp; TDI)

## VOLVO

240 Turbo (1981-85)

C30

## “CATCH-ALL”:

Sedans & Coupes NOC (non-sports-car-based; 4-seat minimum; up to 2.5L forced-induction)

\* All vehicles must meet the requirements of Section 3.1.





## STREET PREPARED CATEGORY

### SUPER STREET PREPARED (SSP)

#### AUDI

R8 (except GT) (2008-19)  
TT RS (2012-13)

#### CHEVROLET

Corvette (C7 chassis, all)  
Corvette (C6 chassis) (2005-13)  
Corvette (C5 chassis) (1997-2004)

#### DODGE

Viper

#### ELVA

Courier

#### FERRARI

355  
360  
Dino 206 & 246 (all)  
F430 (all)

#### FORD

GT

#### GRIFFITH

(all)

#### LAMBORGHINI

Gallardo (all) (2003-11)  
Huracan (all) (2014-19)

#### LOTUS

7 & 7A  
Elan (RWD)  
Elan M100 (FWD, all)  
Europa (all)  
Elise, Exige, & Exige S (2005-11)  
Elite 2+2 & Elcat  
Esprit (4-cyl, all)  
Esprit (V8)  
Evora & Evora S (2010-14)  
*Evora 400*

#### MCLAREN

MP4-12C (all)

#### MORGAN

V8 (all)

#### NISSAN

GT-R (R35)

#### PORSCHE

911 GT2 (996 & 997 chassis, all)  
911 GT3 (991 chassis, all)  
911 GT3 (996 & 997 chassis, all)  
911 Turbo & Turbo S (991 chassis) (2012-17)  
911 Turbo & Turbo S (996 & 997 chassis) (2001-12)  
Cayman GT4 (2016)

#### TESLA

Roadster (2008-12)

#### TVR

4-cyl & 6-cyl (all)  
V8 (all)

#### “CATCH-ALL”:

Sports car over 2.0L engine not otherwise classified. (See Section 15.1.C for update/backdate limitations.)

## A STREET PREPARED (ASP)

### ACURA

NSX (1990-2005)

### AUDI

A4 (2008-16)

S4 (2000-03)

S4 (2010-16) & S5 (2013-16)

### BMW

135 & 1 Series M (2008-13)

328 & 335 (2006-13)

M2 (*non-ZL9*)

M235i (2014-16)

M4 (*F82/F83 chassis*)

Z4 sDrive35i & sDrive35is (2012-13)

Z8

### BRICKLIN

### CHEVROLET

*Camaro ZL1 (2017-19)*

Camaro ZL1 (2012-13)

### DELOREAN

### DETOMASO

Mangusta (all)

Pantera (all)

### DODGE

Stealth Turbo

### FERRARI

250 (non-LM)

275

308 Coupe & Spider

330

365 Daytona GTB, GTC

348

### FORD

*Focus RS (2016-17)*

Mustang Shelby GT350/GT350R (S550) (2015-16)

Mustang Shelby GT500 (S197) (2011-14)

### JAGUAR

E-type (all)

### MAZDA

RX-7 (1993-95)

### MERCEDES-BENZ

CLK 320 & CLK 32 AMG

E36 AMG (2010-16)

SLK55 AMG (R171 chassis) (2004-11)

### MITSUBISHI

Lancer Evolution (VIII, IX) (2003-07)

Lancer Evolution (X) & Ralliart (2008-13)

3000GT Turbo

### PONTIAC & SATURN

Solstice GXP & Sky Redline

### PORSCHE

911 Turbo (1976-89)

911 Turbo (964 chassis) (1990-94)

911 Turbo (993) (1996-97)

911 (996 & 997 chassis) (1999-2012)

Boxster & Cayman (981 chassis, all)

Boxster & Cayman (987 chassis, all)

### SHELBY

Cobra 289

### SUBARU

Impreza WRX (incl. STI) (2002-14), Legacy (Turbo) (2004-14), & Forester XT (2004-14)

Impreza WRX (incl. STI) (2015-16)

### SUNBEAM

Tiger (260, 289)

### TOYOTA

MR2 (all incl. Turbo) (1991-95)

Supra Turbo (1993<sup>1/2</sup>-98)

### VOLKSWAGEN

*Golf R (2015-18)*

### VOLVO

S60R & V70R (2004-07)

**B STREET PREPARED (BSP)****AUDI**

TT (1.8T; FWD &amp; quattro)

TT (3.2L; quattro)

TTS (2009-13)

Quattro Turbo Coupe

**BMW**

128 (2008-13)

320i (F30 chassis) (2012-16)

M Coupe, M Roadster, &amp; Z3 (6-cyl; all)

M3 (E36 chassis, all)

M3 (E46 chassis)

Z4 (non-turbo; all incl. M)

**CHEVROLET**

Corvette (1953-54)

Corvette (1955-57)

Corvette (1958-62)

Corvette (1963-67)

Corvette (1968-82)

Corvette (1984-96) (all)

**CHRYSLER**

Crossfire SRT6

**HONDA**

S2000

**MAZDA**

MazdaSpeed Miata

MX-5 Miata (ND chassis, all)  
(2016-17)

RX-7 Turbo (1986-92)

**NISSAN & DATSUN**

240Z, 260Z, &amp; 280Z

280ZX &amp; 280ZX Turbo

300ZX Turbo (1984-89)

300ZX Turbo (1990-96)

350Z (all)

370Z (all) (2009-18)

**PONTIAC**

Fiero (V6)

Firebird Firehawk SLP (3rd gen,  
383cid) (1990-92)Firebird Firehawk SLP (4th gen,  
383cid) (1993-2002)**PORSCHE**

911 (non-turbo) (1965-89)

911 (964 &amp; 993)

911 (non-turbo, NOC)

914/6 (all)

924 (incl. Turbo)

944 (16v &amp; Turbo engines)

928

968

Boxster & Cayman (986 chassis,  
all)**SALEEN**Mustang S281E & Mustang  
(NOC)**TRIUMPH**

TR-8

**VOLKSWAGEN**

Golf R (2012-13)

**C STREET PREPARED (CSP)**

**BMW**

Z3 (4-cyl)

M3 (E30 chassis)

**DATSUN**

Roadster (1500, 1600, & 2000)

**FIAT**

Abarth (NOC)

124 Spider (1975-78) & 2000

Spider (non-turbo)

2000 Spider Turbo

**HONDA**

Civic & CRX (1988-91)

**LANCIA**

**SCORPION**

**LOTUS**

Cortina

Elite (1216 cc)

**MAZDA**

MX-5 Miata (1990-2005)

MX-5 (2006-13)

RX-2 & 616

RX-3, RX-3SP, & 808 Mizer

RX-7 (non-turbo) (1978-85)

RX-7 (non-turbo) (1986-92)

**MERCEDES-BENZ**

190E (16v)

**MORGAN**

4/4

**PININFARINA**

2000

**PONTIAC & SATURN**

Solstice & Sky

**PORSCHE**

356 & 1600

924S & 944 (8v, non-turbo)

Carrera (4-cyl)

**SCION & SUBARU**

FR-S & BRZ (2013-14)

**TOYOTA**

MR-2 & MR-2 Supercharged (1st gen) (1985-89)

MR2 Spyder (2000-05)

**“CATCH-ALL”:**

Sedan over 1.7L & under 3.0L not otherwise classified.

Sports car under 2.0L not otherwise classified.

(See Section 15.1.C for update/backdate limitations.)

**D STREET PREPARED (DSP)****ACURA**

Integra (1990-93)  
 Integra (incl. Type R) (1994-01)  
 RSX (all)  
 TSX

**ALFA ROMEO**

GTV V6 (all)  
 Milano

**AUDI**

A3 (2005-13)  
 A4 (1.8T, FWD & quattro) (1995-01)  
 A4 (1.8T, FWD & quattro) (2002-05)  
 Coupe GT & Quattro (1980-88)

**BMW**

318 (16v) & 325 (E30 chassis)  
 323, 325, & 328 (E36 chassis)  
 323, 325, 328 & 330 (E46 chassis, non-M3)  
 3 Series (16v, NOC)  
 Bavaria

**CHEVROLET, PONTIAC, BUICK, OLDSMOBILE, & GEO**

Cobalt SS (N/A) (2005-07)  
 Cobalt SS Supercharged (2005-07)  
 Cobalt SS Turbo (2008-10)  
 HHR SS Turbo  
 J Body (4-cyl Turbo, Quad 4 DOHC, & V6)  
 L Body (Quad 4 & V6)  
 N Body (4-cyl Turbo, Quad 4, & V6)  
 Spectrum Turbo (1985-89)  
 Storm GSi (1985-89)  
 X Body (V6)

**CHRYSLER, PLYMOUTH, & DODGE**

Acclaim (V6 & Turbo)  
 Charger GLH-S  
 Conquest & Starion (non-turbo)  
 Crossfire (non-SRT-6)  
 Daytona Turbo

Daytona (V6)  
 GLH-S & GLH Turbo  
 Laser Turbo (NOC) & K-car Turbo  
 Shadow (4-cyl Turbo & V6)  
 Shelby Charger Turbo  
 Spirit (4-cyl Turbo & V6)  
 SRT-4  
 Sundance Turbo

**DODGE & MITSUBISHI**

Colt Turbo & Mirage Turbo (1984-88)  
 Colt Turbo & Mirage Turbo (1989-92)

**EAGLE**

Summit Turbo (16v) (1989-90)

**FIAT**

500 Abarth (2012-13)

**FORD & MERCURY**

Capri (4-cyl & 6-cyl) (1971-77)  
 Capri (1991-95)  
 Contour SVT  
 Cougar (1999-2002)  
*Fiesta ST (2014-18)*  
 Focus ST (2013-18)  
 Fusion & Milan (6-cyl) (2006-13)  
 Probe (Turbo & V6)

**HONDA**

Civic Si (1999-2000)  
 Civic Si (2002-05)  
 Civic Si (2006-12)  
 Del Sol (DOHC)  
 Prelude 4WS  
 Prelude (1992-2001) (NOC)

**HYUNDAI**

Tiburon

**ISUZU**

I-Mark LS (16v & Turbo, FWD) (1985-89)  
 I-Mark RS (16v & Turbo, FWD)  
 Impulse RS Turbo (AWD) (1990-93)

**DSP (CONTINUED)**

Impulse Turbo & RS (RWD)  
 (1983-89)  
 Impulse XS (16v non-turbo)  
 (1990-93)  
 Impulse (16v & Turbo)  
 Stylus XS & RS (16v) (1990-93)  
**KIA**  
 Forte Koup (2010-12)  
**LEXUS**  
 IS 300  
**MASERATI**  
 BiTurbo  
**MAZDA**  
 323 GT & GTX (AWD)  
 Mazda6 (6-cyl)  
 MazdaSpeed3  
 MazdaSpeed Protege  
 MX-6 (Turbo & V6)  
 RX-8  
 Spec Miata (See 15.0 for preparation allowance requirements)  
**MERCEDES**  
 190 (all) (1984-93)  
 C230  
**MERKUR**  
 XR4Ti  
**MINI**  
 Cooper S (including JCW & JCW GP except Countryman)  
**MITSUBISHI & EAGLE**  
 Cordia Turbo  
 Eclipse (2000-12)  
*Eclipse Turbo & Talon Turbo*  
 (1989-99)  
 Galant (all)  
 Tredia Turbo  
**PLYMOUTH**  
*Laser (AWD)*  
**NISSAN & DATSUN**  
 200SX Turbo  
 200SX (V6)  
 240SX

Altima (2007-13)  
 Maxima  
 Pulsar (16v)  
 Pulsar NX Turbo  
 Sentra (2.0L) (2000-01)  
 Sentra (B15 chassis) (2002-06)  
 Sentra (B16 chassis) (2007-12)  
**PEUGEOT**  
 505 (all) (1979-91)  
**PONTIAC & TOYOTA**  
 Corolla XRS (2005-06), Matrix XRS (2003-06), & Vibe GT (2003-06)  
 Matrix & Vibe (AWD) (2003-08)  
**PORSCHE**  
 914 (4-cyl)  
**RENAULT**  
 Fuego Turbo  
 R5 Turbo  
**Saab**  
 99, 99 EMS, & 99 Turbo  
 900 & 900 Turbo (1979-93)  
 900 & 900 Turbo (1994-98)  
**SATURN**  
 Ion (all) & NOC  
**SUBARU**  
 Impreza (all) (1993-2001)  
 Impreza (2.5L) (NOC)  
 Legacy & Outback (6-cyl, all) (1998-2004)  
 Legacy & Outback (6-cyl, all) (2005-13)  
**TOYOTA**  
 Camry V6  
 Celica (2000-05)  
 Celica All-Trac (all)  
 Supra (1979-81)  
 Supra (1982-86)  
**VOLKSWAGEN**  
 Golf, Jetta, & New Beetle (1.8T, Mk4 chassis) (1999-2005)

**DSP (CONTINUED)**

Golf, GTI, GLI, & Jetta (2.0T)  
(2006-13)

New Beetle Turbo

Passat VR6

R32

**VOLVO**

240 Series Turbo (all)

C30 (2006-09)

S40 (1995-2004)

S40 (2005-11)

**“CATCH-ALL”:**

6-cyl (normally aspirated) or  
4-cyl (mechanically forced  
induction) 2WD sedan under  
3.0L not otherwise classified.  
(See Section 15.1.C for update/  
backdate limitations.)

**E STREET PREPARED (ESP)****AMC**

AMX & Javelin (all)

**AUDI**

5000 Turbo, 5000 Turbo quattro,  
200, & 200 quattro

A8 & A8 quattro

S4 & RS4 (2004-09)

V8 quattro

**BMW**

2500 & 2800 (all)

3.0S & CS (all)

528, 530, & 533 (non-turbo)

633i & 733i (all)

M3 (E90, E92, E93) (2007-13)

**CADILLAC**

*CTS & CTS-V (2004-07)*

**CHEVROLET, PONTIAC, BUICK, &  
OLDSMOBILE**

Camaro (2.0L Turbo) (2016-19)

*Camaro (3.6L V6) (2016-19)*

*Camaro (6.2L V8, NA) (2016-19)*

Camaro (non-ZL1) (2010-15)

Camaro, Firebird, SS, Firehawk,  
& WS6 (4th gen) (1993-2002)

Camaro, Firebird, & Firehawk  
(1982-92) (3rd gen)

Camaro & Firebird (1970<sup>1/2</sup>-81)

Camaro & Firebird (1967-70)

Chevelle (1964-67)

Chevelle (1968-72)

Corvaire Yenko Stage I, II, & III  
(all)

*G8 (2008-09)*

*GTO (2004-06)*

**Lumina**

Monza (V8) & Skyhawk (V6)

**Reatta**

Regal(1980-88) (V6 & V8, RWD)

*SS sedan (2013-17)*

Starfire & Sunbird (V6, all)

Trans Am Turbo (1982-92)



**ESP (CONTINUED)****CHRYSLER, PLYMOUTH, & DODGE**

Barracuda (1965-69) & Dart,  
 Duster, & Valiant (1963-76)  
 (A-body)  
 Barracuda & Challenger (E-body)  
 (1970 -74)  
 Challenger (2008-13)  
 Challenger (6-cyl & V8, NOC)  
 Charger (2006-13)  
 Conquest Turbo  
*Laser (FWD)*  
 Stealth (non-turbo)  
 Dakota (1997-04)

**FERRARI**

400 America (all)  
 500 Superfast (all)

**FORD & MERCURY**

Cougar (1971-74)  
 Cougar (1965-70)  
 Mustang (non-GT350) (2015-16)  
 Mustang (S197 incl. Boss 302,  
 Boss 302 Leguna Seca, & Shel-  
 by GT500 2007-10) (2005-13)  
 Mustang (SN95 chassis, NOC  
 including Cobra & Cobra R)  
 (1994-2004)  
 Mustang SVO, Cobra, Cobra R  
 (1979-93) & Capri (1979-86)  
 (4-cyl Turbo, V6, & V8)  
 Mustang II (1974-78)  
 Mustang & Cougar (1971-73)  
 Mustang & Cougar (1969-70)  
 Mustang & Cougar (1967-68)  
 Mustang (1964½-66)  
 Taurus SHO  
 Thunderbird & Cougar (1989-97)  
 Thunderbird & Cougar (1983-88)

**HYUNDAI**

Genesis (2009-12)

**INFINITI**

G35  
 G37  
 M30

**Q45****JAGUAR**

Sedans (6-cyl & 12-cyl)  
 XJS (all)  
 XK 120, 140, 150, & 160

**LEXUS**

ES 250  
 GS 400, LS 400, & SC 400  
*IS F*

**MAZDA**

929  
 MazdaSpeed6

**MERCEDES-BENZ**

230SL, 250SL, & 280SL (all)  
 350SL, 380SL, & 450SL (all)  
 220, 230, 250, & 280 Sedans (all)  
 280 (4.5L, all) & 300 (6.3, all)  
 Sedans

**MITSUBISHI**

3000 GT (non-turbo)  
 Starion Turbo

**NISSAN**

300ZX (non-turbo) (1984-89)  
 300ZX (non-turbo) (1990-96)

**PEUGEOT**

405

**SAAB**

SPG (16v & Turbo)

**SALEEN**

Mustang 302 & 351 (non-super-  
 charged) (1984-93)

**SHELBY**

GT350 (1965-66)  
 GT350 & GT500 (1967-70)

**SUBARU**

Legacy 2.5GT (2005-12)

**TOYOTA**

Supra (all) (1986½-92)  
 Supra (non-turbo) (1993-96)

**VOLVO**

700 Series (all)

**ESP (CONTINUED)**

800 Series (all)

S60 &amp; V70

**VOLKSWAGEN**

Passat W8 4Motion

**“CATCH-ALL”:**

American 6-cyl & V8 sedan or  
pick-up not otherwise classi-  
fied.

Other sedan over 3.0L not other-  
wise classified.

(See Section 15.1.C for update/  
backdate limitations.)

**F STREET PREPARED (FSP)****ACURA**

Integra (1986-89)

Legend

**ALFA ROMEO**

1300 (all)

1600 (all)

1750 (all)

2000 (all)

Alfetta GT

**AMC**

(4-cyl, all)

**AUDI**

80 (all)

90 (all)

100LS (all)

4000 (all)

5000

**AUSTIN**

America (all)

Mini & Mini Cooper (850, 970,  
997, 998, 1071, & 1275, all)

**AUSTIN-HEALEY**

Sprite (all)

100-4, 100-6, &amp; 3000

**BMW**

1600

1800ti &amp; 1800 TiSA

1600-2, 1602, &amp; 2002 (+ tii)

318i (8v, E30 chassis)

318i &amp; 318is (E36 chassis)

318ti (E36 chassis)

320i (E21 chassis) (1975-83)

**CHEVROLET, PONTIAC, BUICK,****OLDSMOBILE, GEO, & SUZUKI**

Beretta (4-cyl)

Camaro (4-cyl) (1982-86)

Cavalier (4-cyl OHV) (1992-  
2002)

Chevette &amp; T1000

Citation &amp; Omega

Corvair (non-Yenko)

Fiero (4-cyl)

**FSP (CONTINUED)**

Firebird (4-cyl) (1982-86)  
 Metro & Swift (1985-88)  
 Metro & Swift (1989-93)  
 Monza (NOC), Starfire, Omega,  
 Astre, & Skyhawk (RWD)  
 Phoenix & Skylark  
 Prism  
 S-10 (1994-2004)  
*Sonic (2012-18)*  
 Spectrum (1.5L non-turbo) (1985-  
 89)  
 Spectrum (NOC)  
 Sprint & Sprint Turbo  
 Storm (all)  
 Sunbird (4-cyl)  
 Vega & Cosworth Vega  
**CHRYSLER, PLYMOUTH, & DODGE**  
 Acclaim (4-cyl non-turbo)  
 Arrow 1600, 2000, & 2600  
 Champ (non-turbo, all)  
 Colt (non-turbo, FWD)  
 Colt (8v non-turbo)  
 Colt (1600 & 2000, RWD)  
 Daytona (non-turbo)  
 Horizon, TC3, & Turismo (1.7L,  
 1.8L, & 2.2L)  
 Laser (non-turbo) (1989-99)  
 Neon (all) (1994-05)  
 Omni, 024, & Charger  
 Rampage (2.2L)  
 Sapporo (1600, 2000, & 2600)  
 Shelby (2.2L non-turbo) (1983-  
 84)  
 Spirit (4-cyl non-turbo)  
**DODGE, MITSUBISHI, & EAGLE**  
 Colt & Mirage (non-turbo) (1984-  
 88)  
 Colt, Mirage, & Summit (non-  
 turbo) (1989-92)  
 Colt, Mirage, & Summit (non-  
 turbo) (1993-96)  
**EAGLE**  
 Talon (non-turbo) (1989-99)

**FIAT & BERTONE**  
 124 (1966-74)  
 128  
 131 & Brava  
 850 Sedan  
 850 Coupe & Spider  
 Strada  
 X1/9 (all)  
**FORD & MERCURY**  
 Capri II (1976-77)  
 Cortina  
 Escort, EXP, Lynx, & LN7 (1981-  
 90)  
 Escort, Escort GT, & Tracer  
 (1991-96)  
 Escort, ZX2, & Tracer (1997-  
 2002)  
 Festiva  
 Fiesta (1976-80)  
 Focus (all) (1999-2007)  
 Fusion & Milan (4-cyl)  
 Mustang II (4-cyl) (1974-78)  
 Mustang & Capri (4-cyl non-  
 turbo)  
 Pinto & Bobcat (4-cyl)  
 Pinto Wagon (2000, 2300, &  
 2600)  
 Probe (4-cyl non-turbo)  
**HONDA**  
 Accord (1976-81)  
 Accord (1982-12)  
 Civic (1973-79)  
 Civic (1980-83)  
 Civic & CRX (all) (1984-87)  
 Civic (1992-95) & Del Sol (1992-  
 97) (SOHC)  
 Civic (non-Si) (1996-2000)  
 Civic (non-Si) (2001-05)  
 Civic (non-Si) (2006-12)  
 Fit  
 Prelude (1979-82)  
 Prelude (1983-87)  
 Prelude (1988-91)

**FSP (CONTINUED)****HYUNDAI**

Elantra  
 Excel  
 Scoupe  
 NOC (all)

**INFINITI**

G20

**ISUZU**

I-Mark (1.5L non-turbo)  
 FWD models (1985-89)  
 I-Mark RS (16v) (1985-89)  
 I-Mark (RWD) (1980-85)  
 Impulse (non-turbo) (1983-89)  
 Stylus S (12v) (1990-93)

**JENSEN-HEALEY****KIA**

Forte (2008-11)  
 Forte (2012-18)  
 Spectra (1.8L 4-cyl)

**LANCIA**

Beta & Zagato (1975-83)

**MAZDA**

Mazda2  
 Mazda3  
 323 (non-turbo) (1986-89)  
 323, MX-3 (4-cyl) & Protégé  
 (1990-94)  
 626 (FWD, all)  
 626 (RWD, all)  
 Cosmo (all)  
 GLC (FWD, all)  
 GLC (RWD, all)  
 MX-6 (4-cyl non-turbo)  
 Protégé (1995-98)  
 Protégé (1999-2003)  
 R-100  
 RX-4

**MG**

1100, 1300 Sedan (all)  
 A (all)  
 B & B GT (all)  
 C & C GT (all)

Midget (948, 1098, 1275, & 1500;  
 all)

**MINI**

Cooper (non-S) (2002-13)

**MITSUBISHI**

Cordia (non-turbo)  
 Eclipse (1989-99) (non-turbo)  
 Lancer (non-turbo)  
 Mirage (1997-2002) (non-turbo)  
 Tredia (non-turbo)

**MORGAN**

+4 (2138 cc; all)

**NISSAN & DATSUN**

1200  
 200SX (1976-79)  
 200SX (1980-83)  
 200SX (1984-88)  
 200SX SE-R  
 210  
 310  
 510 (1968-73)  
 510 (1978-81)  
 610  
 710  
 B210  
 F-10  
 NX1600  
 NX2000, Pulsar, Sentra, & Sentra  
 SE-R (1991-94)  
 Pulsar & Pulsar NX (non-turbo,  
 all)  
 Sentra (1.8L) (2000-06)  
 Sentra (2.0L) (1995-99)  
 Stanza (all)  
 Versa (2007-16)

**OPEL**

1900 & Manta  
 GT 1100  
 GT 1500 & 1900  
 Kadett 1100  
 Kadett 1500 & 1900

**FSP (CONTINUED)****PONTIAC & TOYOTA**

Corolla, Matrix, & Vibe (2003-08) (NOC)

**PEUGEOT**

405 DL & 405 S

**PORSCHE**

912

912E

924 (Audi engine)

**RENAULT**

15 & 17 (all)

16 (all)

17 Gordini

18i (all)

Alliance, GTA & Encore

Fuego (non-turbo)

R-5 (NOC) & LeCar

**SAAB**

Sonnet (1968-74)

**SATURN**

SL (1991-95), SW (1993-95), & SC (1991-96)

SL (1996-99), SW (1996-99), & SC (1997-2000)

SL (2000-02), SW (2000-02), & SC (2001-02)

**SCION**

tC

**SUNBEAM**

Alpine (all)

**SUBARU**

Turbo 4WD (all, NOC)

Forester (non-turbo)

Impreza 2.0i (2012-13)

Legacy & Legacy GT

**SUZUKI**

Aerio

**TOYOTA**

Camry (4-cyl)

Celica (1970-77)

Celica (1978-81)

Celica (1982-85)

Celica (FWD) (1986-89)

Celica (FWD) (1990-93)

Celica (1994-99)

Corolla 1200

Corolla (1600 & SR-5) (1970-79)

Corolla (1600 & 1800, RWD) (1980-83)

Corolla (AE86 chassis, all) (1984-87)

Corolla FX16

Corolla GTS (AE92 chassis, FWD) (1990-91)

Starlet

Tercel

Yaris

**TRIUMPH**

GT-6

Herald (all)

Spitfire

TR-2 & TR-3

TR-4 & TR-4A

TR-250 & TR-6

TR-7

**VOLKSWAGEN**

Beetle (RWD)

Cabriolet (1985-92)

Corrado (all)

Dasher & Quantum (4-cyl, all)

Fox GL

Golf & Jetta (all, A2 chassis) (1985-93)

Golf, Jetta, & Cabrio (8v, A3 chassis) (1993-98)

Golf & Jetta (VR6, A3 chassis)

Golf & Jetta (VR6, NOC, A4 chassis)

Golf, Jetta, & Beetle TDI

Karmann Ghia

Passat (all, NOC)

Rabbit, Jetta, Scirocco, Cabriolet, & Pickup (all, A1 chassis) (1975-92)

Rabbit (2.5L 5-cyl, A5 chassis) (2006-09)

**FSP (CONTINUED)**

**VOLVO**

120 Series (all)

140 Series (all)

160 Series (all)

1800, P1800, & ES1800 (all)

240 Series (non-turbo, all)

260 Series (all)

700 Series (all)

**YUGO**

“CATCH-ALL”:

Sedan under 1.7L not otherwise  
classified

4-cyl or rotary RWD mini-pickup  
(See Section 15.1.C for update/  
backdate limitations.)



## STREET MODIFIED CATEGORY

### ENGINE CLASSIFICATIONS

1. 4-stroke cycle and 2-stroke cycle naturally aspirated internal combustion engines will be classified on the basis of actual piston displacement.
2. Supercharged/Turbocharged SM and SSM engines will be classified on a basis of adding 1.4L to the actual displacement. Forced induction SMF engines will add 1.0L to the actual displacement.
3. Rotary Engines (Wankel) – These units will be classified on the basis of a piston displacement equivalent to 0.9 liters times the number of rotors, plus the volume determined by the difference between the maximum and minimum capacity of the working chamber times the number of rotors.
4. Electric Motors – Cars with electric motors, in whole or part of the drivetrain, will run at class maximum weight (2900 lbs. for SSM, 3100 lbs for SM/SMF). Category weight adjustments (e.g., tire size) are allowed.

### WEIGHT ADJUSTMENTS

Cars running tires with a rated width of 275 mm or less on all four wheels may compete at a minimum weight 200 lbs. less than their calculated weight.

## SUPER STREET MODIFIED CLASS (SSM)

### ELIGIBLE VEHICLES:

- All 2-seat cars not excluded below.
- All SM/SMF eligible sedans/coupes and those excluded from SM for failure to meet weight requirements.
- All SM eligible vehicles.
- McLaren MP4-12C
- Porsche GT3 (991) and Carrera GT

### EXCLUDED VEHICLES:

- Lotus (all except Elise, Exige, & Esprit)
- All 2-seat cars not eligible for Street Prepared Category.
- Vehicles not meeting specifications to have been delivered in the US

### MINIMUM WEIGHT CALCULATIONS WITHOUT DRIVER (LBS.):

- FWD ..... 1350 + 125 per liter
- RWD.....1600 + 200 per liter
- AWD.....1600 + 300 per liter
- Supercharged/Turbocharged SSM engines: .....  
..... Add 1.4L to the actual displacement
- Rear wheel weight greater than 51% ..... +25 per liter
- Tire width 275 mm or less .....-200
- Regardless of the weight formulas above, no car will be required to weigh more than 2900.



**STREET MODIFIED CLASS (SM)**

## ELIGIBLE VEHICLES:

All sedans/coupes (models which were originally equipped with a minimum of four seats and four factory seat belts), all FWD (front-wheel-drive) cars, and pickup trucks (in compliance with Section 3.1 using SM allowances and minimum weight calculation).

## SAMPLE VEHICLES:

- CHRYSLER: Neon, Stratus/Breeze
- FORD: Contour, Escort, Probe, Mustang
- GENERAL MOTORS: Cavalier, Sunfire, Camaro
- HONDA: Civic, Accord, Integra
- HYUNDAI: Elantra, Tiburon
- MAZDA: Protege, MX-6, 626
- NISSAN: Altima, Sentra
- TOYOTA: Celica, Corolla, Camry
- VOLKSWAGEN: Golf, Jetta

## EXCLUDED VEHICLES:

- Porsche (all)
- JDM-spec cars
- Lotus (all)
- MGB GT
- Triumph (all)

## MINIMUM WEIGHT CALCULATIONS WITHOUT DRIVER (LBS.):

- FWD ..... 1550 + 125 per liter
- RWD.....1800 + 200 per liter
- AWD.....1800 + 300 per liter
- Supercharged/Turbocharged SM engines: .....  
..... Add 1.4L to the actual displacement.
- Rear wheel weight greater than 51% ..... +25 per liter
- Solid axle RWD ..... -25 per liter
- Tire width 275 mm or less ..... -200
- Regardless of the weight formulas above, no car will be required to weigh more than 3100 lbs.

**STREET MODIFIED FRONT-WHEEL-DRIVE CLASS (SMF)**

## ELIGIBLE VEHICLES:

- All FWD vehicles

## MINIMUM WEIGHT CALCULATIONS WITHOUT DRIVER (LBS.):

- All ..... 1750 + 125 per liter
- Supercharged/Turbocharged SMF engines: .....  
..... Add 1.0L to the actual displacement.
- Regardless of the weight formulas above, no car will be required to weigh more than 3100 lbs.
- Cars running in SMF using tires with a nominal width of 275 mm or less will NOT receive the weight adjustment as stated in the SM class.

## PREPARED CATEGORY

### X PREPARED (XP)

XP vehicles must conform to the rules in Section 17 except as noted herein. This class is for almost any production car using almost any automobile drivetrain. Any vehicle meeting the requirements of Section 17.A.2, listed in another Prepared class, specifically listed in CP, DP, EP, FP, or listed at the end, is eligible for XP.

#### 1. BODYWORK AND STRUCTURE

- a. Chassis components attached by removable fasteners (e.g., bolt-on subframes) may be modified or replaced without penalty.
- b. Front hoods, engine covers, trunk lids, hatches, front fenders, rear fenders not part of chassis structure (unibody), front & rear fascias, and side skirts may be modified or replaced, and may be attached with removable fasteners. Associated hardware, including latches and hinges, may be modified, removed, or replaced. Fenders may be flared as per Section 17.2. Unibody fender may be replaced as described in Section 17.2.S. Non-metallic fender liners may be modified, replaced, or removed. Body panels may be attached with removable fasteners (e.g., Dzus®).
- c. Aerodynamic Aids – Wings may be added, removed, or modified. Non-OE wings may only be attached to the *chassis or body* behind the centerline of the rear axle. The total combined surface area of all wings shall not exceed 8 sq. ft. (0.7432 m<sup>2</sup>) as calculated per Section 12.9. The number of wing elements is limited to 2. Wings designed to be adjustable while the car is in motion must be locked in a single position. Spoilers under 17.2.P and rear wings are mutually exclusive such that a builder may use one or the other, but not both.

Wings, and any component thereof, may not extend beyond the vehicle width as defined by the outermost portion of the vehicle doors, less mirrors, door handles, rub strips, and trim. In addition, no portion of the wing or its components may be more than 6" (15.24 cm) forward of the rear axle, more than 0" (0.0 mm) beyond the rear-most portion of the bodywork, or more than 6" (15.24 cm) above the roofline of the vehicle, regardless of body style. Reinforcements to the wing mounting area may be used, but may serve no other purpose.

Wing endplate surface area is limited to 200 sq. in. (1290.3 cm<sup>2</sup>) each and the number of endplates is limited to a maximum of 2. For convertibles/roadsters with no roof and targas with no rear window, no portion of the wing may be higher than 12" (30.48 cm) above the *highest point of the body that is behind the centerline of the rear axle*. In the event that a convertible/roadster with no roof or a targa-top with no rear window retains the OE windshield frame with a windshield of any material that meets Section 17.2.K.1, the top of the

**XP (CONTINUED)**

windshield frame shall be considered the top of the roofline and the car may use the wing mounting rules in Appendix A.1.c for a closed car.

Canards are allowed and may extend a maximum of 6" (15.24 cm) forward of front bodywork/fascia as viewed from above. No portion of the canard may extend past the widest part of the front bodywork/fascia as viewed from above. Canard area will be measured in the same manner as wings using Section 12.10. Canard area may not exceed 1.2 sq. ft. (1114.8 cm<sup>2</sup>).

Front splitters are allowed and shall be installed parallel to the ground (within  $\pm 3^\circ$  fore and aft) and may extend a maximum of 6" (15.24 cm) forward of the front bodywork/fascia as viewed from above. Splitters may not extend rearward past the centerline of the front wheels. No portion of the splitter may extend beyond the widest part of the front bumper as viewed from above.

The splitter and canards may have endplates. The endplates may connect the splitter and the canard. The splitter and canard endplate total surface area is limited to 100 sq. in. (645.2 cm<sup>2</sup>) for each side.

- d. Steering wheel, pedals, and driver's seat must be completely to the left or right of vehicle centerline.
- e. Exhaust may exit through the bodywork. Rocker panels may be modified for exhaust routing.
- f. The transmission tunnel/cover may be altered to allow the installation of an alternate transmission and/or driveshaft. Cars originally equipped with a removable transmission tunnel/cover may substitute a tunnel/cover of an alternate material.
- g. The shift lever opening in the body of the car may be altered to allow the installation of alternate shift linkage.
- h. Non-OE replacement bodies are allowable for the Factory Five Roadster/Challenge Car and Superformance MKIII. Replacement bodies must not confuse the identity of the vehicle.
- i. Minimum track width is 55" (139.7 cm).

**2. WHEELS**

Any size wheel may be used. Wheel size does not affect minimum weight.

**3. SHOCK ABSORBERS AND SPRINGS**

- a. Section 17.5.B, which restricts the type of shocks authorized by 17.5.C.3, does not apply.
- b. Active/reactive suspension systems incur a minimum weight adjustment, including standard parts.

**4. BRAKES**

Anti-lock braking systems (ABS) may be added, replaced, removed, or

**XP (CONTINUED)**

modified. The use of ABS including original equipment incurs an ABS weight adjustment. ABS providing traction and/or stability control in any form will also incur a traction/stability control weight adjustment.

**5. SUSPENSION CONTROL**

Any front and rear suspension system type (MacPherson/Chapman strut, double A-arm, live axle, etc.) may be used.

**6. ELECTRICAL SYSTEM**

Any ignition system is permitted. The number of spark plugs may be changed.

**7. ENGINE AND DRIVETRAIN**

a. Engines must be derived from production automobiles. Motorcycle, snowmobile, marine, or other engines of non-automobile design are not permitted.

b. Drivetrain and related systems (e.g., induction, ignition, fuel, electrical, cooling, oiling) and components (e.g., mounts, clutch, flywheel) are unrestricted except as noted.

c. The engine orientation (transverse stays transverse and longitudinal stays longitudinal) and the engine bay location must not be changed (front-engine stays front-engine, mid-engine stays mid-engine, and rear-engine stays rear-engine).

d. Any traction or stability control systems are permitted, but incur a minimum weight adjustment, including standard parts.

e. Air may be ducted to the induction system. Openings in the bodywork to allow air to be ducted are allowed provided they serve no other purpose.

**8. MINIMUM WEIGHTS****a. ENGINE CLASSIFICATIONS**

1. 4-stroke cycle and 2-stroke cycle, naturally aspirated, internal combustion engines will be classified on the basis of actual piston displacement.

2. Turbocharged or supercharged versions of all engines will be classified on a basis of 1.6 times the actual displacement.

3. Rotary Engines (Wankel): These units will be classified on the basis of a piston displacement equivalent to twice the volume determined by the difference between the maximum and minimum capacity of the working chamber, times the number of rotors.

**b. MINIMUM WEIGHT CALCULATIONS**

All listed weights are without driver. All weights are calculated based on displacement as listed above. **EXAMPLE:** Weight for a RWD car with a 1796 cc Turbo engine *and 51% of the weight on the rear axle* is  $1300 + [(1.796 \times 1.6) \times (200 + 20)] = 1932$  lbs.

**XP (CONTINUED)**

*FORCED INDUCTION ENGINE DISPLACEMENT (LBS.)*

FWD..... 1300 + 150 per liter

RWD.....1300 + 200 per liter

AWD.....1300 + 250 per liter

*NORMALLY ASPIRATED ENGINE DISPLACEMENT LESS THAN 4.0L (LBS.)*

FWD.....1200 + 150 per liter

RWD ..... 1200 + 200 per liter

AWD ..... 1200 + 250 per liter

*ENGINE DISPLACEMENT OF 4.0L OR GREATER (LBS.)*

FWD..... 1600 + 50 per liter

RWD ..... 1600 + 100 per liter

AWD .....1600 + 150 per liter

Regardless of the weight formulas above, no car shall be required to weigh more than 2300 lbs. before applicable weight adjustments.

*WEIGHT ADJUSTMENTS (LBS.)*

ABS (anti-lock braking system) + 50

TSC (traction/stability control) + 50

Active/reactive suspension .....+ 100

*Greater than 51% of weight on rear axle..... + 20 per liter*

c. Regardless of the Minimum Weight Calculations above (b), no car with a supercharged or turbocharged engine shall weigh less than the following minimum weights (lbs.):

FWD..... *normally-aspirated: 1425 ..... forced-induction: 1625*

RWD .....*normally aspirated: 1550 ..... forced-induction: 1900*

AWD ..... *normally-aspirated: 1675 ..... forced-induction: 1925*

*BACKDRAFT*

*RT3 (all)*

*All with a minimum engine size of 4.5L normally aspirated or the equivalent forced induction engine size and weight.*

*FACTORY FIVE RACING*

*Roadster & Challenge Car*

*Type 65 Coupe*

*All with a minimum engine size of 4.5L normally aspirated or the equivalent forced induction engine size and weight.*

*MOSLER*

*MT900S*

*MT900R XP*

*All with a minimum engine size of 6.0L normally aspirated or the equivalent forced induction engine size and weight.*

*NOBLE*

*M12*

**XP (CONTINUED)**

M12GTO

M400

All with minimum engine size 2.9L with forced induction or 4.1L normally aspirated.

ROSSION

Q1

All with minimum engine size 2.9L with forced induction or 4.1L normally aspirated.

SHELBY

Cobra (1963-67)

SUPERFORMANCE

MKIII

GT40 MKII

Shelby Cobra Daytona Coupe

All with a minimum engine size of 4.5L normally aspirated or the equivalent forced induction engine size and weight.

TVR

Griffith Series 200 & Series 400

## **C PREPARED (CP)**

Unless otherwise listed, the minimum weights will be determined from the following tables according to engine type and displacement.

Minimum weight is based on actual engine displacement. The block may be bored and/or sleeved to achieve allowed displacement.

Engine Coolant flow direction is unrestricted.

US-produced 4-cyl, 6-cyl, and 8-cyl engines are allowed alternate-stroke crankshafts; crank angles must remain standard.

Naturally aspirated cars using US-market 6-cyl and 8-cyl engines manufactured by a particular corporation may use any naturally aspirated 6-cyl or 8-cyl engine offered in a US-market vehicle by that corporation's brands as listed below:

Ford: ..... Ford, Mercury, and Lincoln

General Motors: ..... Chevrolet, Pontiac, Oldsmobile, GMC, and Buick

Chrysler: ..... Chrysler, Dodge, and Plymouth

Alternate engines for a particular model must locate the bell housing to the block mounting surface in the same plane as the standard part. Vertical position of the longitudinal axis of the crankshaft shall remain the same as the original engine. Tolerance for both measurements is  $\pm 1/2"$  ( $\pm 12.7$  mm). Alternate material (e.g., aluminum) engine blocks may be used on US-produced 8-cyl engines. Any alternate engine block shall meet all other requirements of Section 17.

Forced induction cars may not substitute the engine for any other nor may forced induction engines be swapped into cars that the combination was not offered.

Engine displacement changes are allowed.

Alternate iron or aluminum cylinder heads may be used on US-produced 4-cyl, 6-cyl, and 8-cyl engines. Any alternate cylinder head(s) shall be of the same configuration (number of valves per cylinder and valve actuation method - e.g., OHV or OHC) as the original and shall be direct replacement type.

The floor in the driver/passenger compartment may be replaced but must maintain the basic shape and position of the original floor (i.e., flat and horizontal, relative to the car and rocker panels). It may not be curved, angled, recessed, or channeled between the rockers and may be made of steel and/or aluminum only. Replacement floors may be modified per Section 17.2.E.

The firewall between the engine compartment and driver/passenger compartment may be replaced but must be in approximately the same location as the original and must create a sealed bulkhead between engine and driver/passenger. Replacement firewalls may be made of steel and/or aluminum only and may be modified per Section 17.2.F.

An alternate hood is allowed which has a bulge no more than 4" (10.16

**CP (CONTINUED)**

cm), measured off of the original base model hood, for induction clearance. The bulge may open to the front, to the rear, or to either or both sides. If the original base model hood has a 2" (50.8 mm) bulge, then an addition of 2" (50.8 mm) is allowed, if the base model has a 3" (76.2 mm) bulge, then 1" (25.4 mm) is allowed, etc.

*Anti-lock braking systems (ABS) may be added, replaced, removed, or modified. The use of non-OE or modified OE ABS incurs an ABS weight adjustment.*

Traction control/stability control may not be added to a car which was not equipped with an OE traction/stability control system. OE systems may be retained, but may not be replaced or modified in any way other than removal. *Modifications to the OE ABS which also modify the OE traction/stability system are not allowed.*

The following weights apply unless a specific weight is indicated with the model listing.

Minimum weight without driver (lbs.):

V8 engines greater than 5100 cc ..... 3000

V8 engines equal to or less than 5100 cc ..... 2700

6-cyl engines, maximum 4500 cc ..... 2450

Turbocharged 6-cyl engines, maximum 4500 cc ..... 2550

4-cyl engines (all) ..... 2450

Maximum weight on the rear axle of the car shall be 51% of the total weight of the car. EXCEPTIONS: Corvair, Yenke Stinger.

Wheels may be replaced with a wheel having any diameter and any width without weight adjustments.

**AMC**

AMX (1968-70)

Gremlin (8-cyl) (1970-78)

Javelin (1968-74)

Spirit (8-cyl) (1979-83)

**CHEVROLET**

Camaro (1967-69)

Camaro (1970-81)

Camaro (1982-92)

Camaro (1993-02)

Corvair & Corvair Turbo (1960-64); weight (lbs.): ..... 1850

Corvair & Corvair Turbo (1965-69); weight (lbs.): ..... 1850

Monza (1975-80)

**CHRYSLER, DODGE & PLYMOUTH**

300 (all) (2006-17)

A-body – Valiant, Dart, Duster, Demon, etc., (1963-67), & Barracuda (1965-69)



## **CP (CONTINUED)**

Dakota 2WD (1987-96)

Dakota 2WD (1997-2004)

Challenger (non-supercharged) (2008-17)

Charger (non-supercharged) (2006-17)

E-body – Barracuda & Challenger (1970-74)

### **FORD & MERCURY**

Maverick & Comet (6-cyl & 8cyl) (1970-77)

Mustang (6-cyl & 8-cyl) (1964-69)

Mustang (6-cyl & 8-cyl) (1969-73)

Mustang II (6-cyl & 8-cyl) (1974-78)

Mustang (6-cyl & 8-cyl) (1979-93)

Mustang Turbo & SVO (4-cyl) (1979-93)

Mustang (w/o IRS) (1994-04)

Air may be ducted to the intake airbox through an opening in the back of the hood, rectangular in shape, maximum width of 20", maximum length 3.5". Opening may extend 1" into the windshield.

Mustang (S197 chassis, non-supercharged) (2005-14)

Thunderbird (V6 & TurboCoupe) (1983-88)

Thunderbird (V6 & SuperCoupe) (1989-97)

### **GENERAL MOTORS (CADILLAC, CHEVROLET, GMC, OLDSMOBILE, & PONTIAC)**

Chevelle, El Camino, Tempest, etc. (A-body) (1964-67)

Chevelle, Cutlass, El Camino, GTO, etc. (A-body) (1968-72)

*CTS & CTS-V (2003-07)*

LeMans, Cutlass, Chevelle, El Camino, etc. (A-Body) (1973-77)

Malibu, Cutlass, El Camino, etc. (A-body) (1978-81)

Monte Carlo, Grand Prix, Regal, El Camino, etc. (A-body) (1982-88)

S10, S15, & Sonoma (6-cyl) (1982-93)

S10 & Sonoma (6-cyl) (1994-04)

### **MERCURY**

Capri (6-cyl & 8-cyl) (1979-93)

Capri Turbo (4-cyl) (1979-93)

Comet (6-cyl & 8-cyl) (1971-77)

### **MERKUR**

XR4Ti (1985-88)

### **PONTIAC**

Firebird & TransAm (1967-69)

Firebird & TransAm (1970-81)

Firebird & TransAm (1982-92)

Firebird & TransAm (1993-2002)

Trans-Am Turbo (1989)

GTO (2004-06)

**CP (CONTINUED)**

SALEEN

Mustang (w/o IRS or forced induction) (1979-93)

SHELBY

GT350 & GT500 (1965-70)

YENKO

Stinger (1965-69); weight (lbs.):..... 1850

“CATCH-ALL”:

US Sedan (6-cyl or 8-cyl, NOC)

## D PREPARED (DP)

Weights are determined by the following formulas. Wheel sizes, valve sizes, and track dimensions are as per Section 17.

Minimum weights (without driver) are determined by engine displacement. Increases in engine displacement resulting from legal overbore are not considered in these calculations.

Wheels up to 10" wide are allowed with no weight increase; a maximum of 12" is permitted.

### WEIGHT FORMULAS (LBS):

Engines with 3 or 4 valves per cylinder and displacement less than or equal to 1667 cc:..... 1.06 x displacement (cc)

Engines with 3 or 4 valves per cylinder and displacement greater than 1667 cc:..... 0.91 x displacement (cc) + 250 lbs.

Engines with 2-valves per cylinder:..... 1.00 x listed displacement (cc)

Engines with 2v/cyl are permitted a displacement change of +10% via bore and/or stroke changes only and with the weight formula accounting for the increased displacement.

### WEIGHT ADJUSTMENTS (LBS):

51% or more of weight on the rear axle: ..... +0.015 x displacement (cc)

Solid Axle: ..... -50

Wheel width greater than 10" up to 11": ..... +50

Wheel width greater than 11" up to 12": ..... +100

*Alternate Engine Allowance: ..... + 0.10 x displacement (cc)*

## ALFA ROMEO

1600 GTV (1974)

Alfetta GT (1976-79)

Alternate cylinder head: 19510.01053.04

Giuletta Sprint & Spider (1570 cc)

Giulia 1300 & 1300 Ti (1964-71)

GT 1300 Junior & GTA Junior (1966-77)

GTA (bore & stroke: 78 mm x 67.5 mm)

GTV 1750 & 2000 (1967-77)

Alternate cylinder head: 19510.01053.04 (twin plug) .....+100 lbs.

Junior Z

Spider Duetto 1750 Spider Veloce (1779 cc) (1969-70)

Alternate body part: Niki Lauda Edition Spoiler

Spider 2000 & Spider 2000 Veloce (1962 cc) (1971-76)

Alternate body part: Niki Lauda Edition spoiler

Sport Sedan

Alternate cylinder head: 19510.01053.04 (twin plug) .....+100 lbs.

Sedan or sports car (RWD, NOC)

## ALPINE

A108

**DP (CONTINUED)**

A110 1100

**AUSTIN-HEALEY & MG**

100-4 (2660 cc)

Alternate part: louvered hood

**MGA**

Replace wood floorboards with metal.

**MGA Twin Cam**

Replace wood floorboards with metal.

**MGB & MGB-GT****Midget & Sprite****BMW**

1600 (1966-77)

2002, 2002ti, &amp; 2002tii (1968-76)

2000ti (1966-72)

320i

3 Series E21 (4-cyl) (1975-83)

3 Series E30 (4-cyl) (1984-93)

3 Series &amp; M3 (8v &amp; 16v, E30 chassis)

530i (1975-78)

Z3 (4-cyl)

Sedan (RWD, NOC)

**CHEVROLET**

Vega &amp; Cosworth Vega (1971-77)

**DATSUN**

1500 (SPL 310), 1600 (SPL 311/311U), &amp; 2000 (SRL 311) Roadster

**DODGE & PLYMOUTH**

Colt &amp; Champ (1971-78)

**ELVA**

Courier (1600, 1800)

ATB 7224 MGA axle housing assembly

**FIAT & BERTONE**

124 Spider (1600, 2000) &amp; 124 Spider Abarth (1995 cc)

124 Coupe &amp; Sedan (1966-74)

124 Sport Coupe (1592 &amp; 1608 cc)

131 &amp; Brava (1974-84)

850 (all, including Abarth)

X1/9

**FORD & MERCURY**

Anglia Super (1962-67)

Capri (non-US) (1969-77)

Alternate 2.3L cylinder head: SVO M-6049-A230

Cortina (1964-68)

Escort Mexico

## **DP (CONTINUED)**

Escort Super & 1300 GT

Mustang II (2.3L) (1974-78)

Alternate 2.3L cylinder head: SVO M-6049-A230

Mustang & Capri (4-cyl non-turbo) (1979-93)

Alternate 2.3L cylinder head: SVO M-6049-A230

Pinto (1971-80)

Alternate 2.3L cylinder head: SVO M-6049-A230

Alternate body parts: spoiler D9FZ6440555-A; end piece

D9FZ6428010-A or D9FZ6428011-A

### ISUZU

I-Mark (1981-84)

Impulse (non-turbo) (1983-89)

### JENSEN

Jensen-Healey (1973 cc)

Alternate Parts: cast iron sleeves

### LANCIA

Scorpion (1756 cc) (1976)

Fabric roof panel may be replaced with alternate materials.

### LOTUS

7 & 7A (948, 997, & 1098 cc)

Elan

Alternate cylinder head: 26RD0703

Super 7 (1340 cc & 1498 cc)

Europa (Renault 1470 cc/1565 cc & Lotus-Ford Twin Cam 1558 cc)

Alternate cylinder head (Renault): casting R-16 Renault

Alternate cylinder head (Twin cam): 26RD0703

### MAZDA

626 (RWD)

Cosmo (1976-78)

Alternate cylinder head: E515-10-100B

GLC (RWD) (1977-83)

Alternate cylinder head: E515-10-100B

MX-5 Miata (1.6L & 1.8L, non-turbo) (1990-2005)

MX-5 Miata (2006-15)

MX-5 Miata (2016-17)

### MERCEDES

190E (1983-93)

### MORGAN

4/4 MkIV (2138 cc)

Replace wood floorboards with metal

4/4 MkV (2138 cc)

Replace wood floorboards with metal

**DP (CONTINUED)**

## NISSAN &amp; DATSUN

200SX (S10 chassis) (1977-79)

Alternate cylinder head: 11041-22010, 11041-U0600-A,  
11041-U0602-SV, 11041-21901, or 11041-N7120

200SX (S110 chassis) (1980-83)

Alternate cylinder head: 11041-22010, 11041-U0600-A,  
11041-U0602-SV, 1041-21901, or 11041-N7120

Alternate engine: L20B or NAPS-Z

200SX (S12 chassis) (1984-88)

Alternate cylinder head: 11041-N7120.

Engine: L20B or NAPS-Z

210 (1397 & 1488 cc) (1979-82)

210 (B310 chassis; 1.4 L) (1978-82)

Alternate cylinder head: 11041-H2303 or 11041-H5704

240SX (1989-98)

Alternate engine: L20B with cylinder head 11041-N7120/22010 or  
11041-V9182/U0600A

Hood may be modified for engine clearance.

510 (PL510) (1595 cc)

510 (PL510 chassis; 1.6 L, 1.8 L, & 2.0 L) (1968-73)

Alternate cylinder head: 11041-22010, 11041-U0600-A,  
11041-U0602-SV, 11041-21901, or 11041-N7120

510 (A10 chassis) (1979-81)

Alternate cylinder head: 11041-22010, 11041-U0600-A,  
11041-U0602-SV, 11041-21901, or 11041-N7120

610 (1973-76)

Alternate cylinder head: 11041-22010, 11041-U0600-A,  
11041-U0602-SV, 11041-21901, or 11041-N7120

710 (1974-77)

Alternate cylinder head: 11041-22010, 11041-U0600-A,  
11041-U0602-SV, 11041-21901, or 11041-N7120

720 (2WD) (1980-86)

810 (1976-80)

810 Maxima (1981-83)

B110 (1171, 1237, 1288, 1397, & 1488 cc) (1970-73)

B210 (1171, 1237, 1288, 1397, & 1488 cc) (1974-78)

Alternate cylinder head: 11041-H2300, 11041-25720, 11041-H1001,  
11041-18001, 11041-H2303, 11041-H5704, or 11041-H9204

## OPEL

Ascona & Ascona SportWagon (1900 cc) (1971-75)

GT 1900

GT 1100

Kadett (1100 & 1900 cc) (1964-72)

Manta Sport Coupe & Manta Rallye (1900 cc) (1971-75)

**DP (CONTINUED)**

PONTIAC

Fiero (2.5L 4-cyl)

Alternate suspension: rear double A-arm

Air cleaner may protrude through engine hatch

Solstice (non-turbo)

PORSCHE

356, except Carrera and 1500, 1600

1300

912 & 912E (1600 & 1971 cc)

914 (4-cyl)

Cylinder barrels of alternate material allowed

924 (1984 cc, non-turbo)

Alternate cylinder: 933.104.302.50

SATURN

Sky (non-turbo)

SUNBEAM

Alpine

TOYOTA

Celica (non-turbo) (1970-77)

Celica (non-turbo) (1978-81)

Celica (non-turbo) (1982-85)

Corolla (non-turbo) (1968-70)

Corolla (1588 cc) (1971-74)

Corolla (non-turbo) (1971-74)

Corolla (non-turbo) (1975-79)

Corolla (non-turbo) (1980-83)

Corolla (non-turbo, RWD) (1984-87)

MR2 (1587 cc, non-supercharged) (1985-89)

MR2 (2164 cc, non-turbo) (1991-95)

MR2 Spyder (1794 cc) (2000-05)

Starlet (non-turbo, 2WD) (1981-84)

Alternate engine: 4A-G 1.6L w/ cylinder head 11101-16010 or 11101-16030

TRIUMPH

GT6 (1998 cc)

Spitfire 1147

Spitfire 1296 MkIII

Spitfire 1296 MkIV

Spitfire 1493

TR-2 & TR-3

TR-4 & TR-4A (beam axle)

TR-4A (IRS)

**DP (CONTINUED)**

TR-7 (1998 cc)

Alternate rear spoiler: V-775

TURNER

950S

1500

Alternate crankshaft: 125 E

TVR

1800

Vixen S2 (1599 cc)

Alternate cylinder head: Pierce aluminum casting

VOLKSWAGEN

Beetle (1300) (1965-66)

Beetle (1300, 1500, &amp; 1600) (1967-69)

Beetle (1600) (1970-77)

VOLVO

122S (1956-70)

Alternate part: front axle cross member

Alternate engine kit: 2127 cc

142S &amp; 142E (1967-74)

Alternate part: front axle cross member

Alternate engine kit: 2174 cc

P-1800 (1780 cc)

P-1800 (1982 cc)

Sedans (RWD, NOC)

"CATCH-ALL": Other (4-cyl N/A, RWD, NOC)



**E PREPARED (EP)**

Wheel size allowances are as per Section 17.4.

Minimum weights (without driver) are determined by engine displacement. Increases in engine displacement resulting from legal overbore are not considered in these calculations.

Wheels up to 10” wide are allowed with no weight increase; a maximum width of 12” is permitted.

**WEIGHT FORMULAS (LBS.):**

- Piston Engines: ..... 1.00 x displacement (cc)
- Engines with 3 or 4 valves per cylinder and displacement less than or equal to 1667cc: ..... 1.06 x displacement (cc)
- Engines with 3 or 4 valves per cylinder and displacement greater than 1667cc: ..... 0.91 x displacement (cc) + 250 lbs.
- Engines with 2-valves per cylinder: ..... 1.00 x displacement (cc)
- Level 2 (Limited Prep) vehicles: ..... 1.00 x displacement (cc)

**WEIGHT ADJUSTMENTS (LBS):**

- Wheels greater than 10” wide up to 11” wide: ..... +50
- Wheels greater than 11” wide up to 12” wide: ..... +100
- Alternate Engine Allowance* ..... +0.10 x displacement (cc)

Regardless of the weight formulas above no car may weigh less than 1350 lbs. or be required to weigh more than 2400 lbs. prior to addition of weight adjustments defined herein and in Section 17.

**ACURA**

- Integra (1986-89)
- Integra (1990-93)
- Alternate engine: 1590 cc
- Integra (1994-2001)
- RSX (2002-06)
- Sedans (N/A, FWD, NOC)

**AUDI**

- 4000S (non-turbo, FWD) (1980-87)
- Sedans (N/A, FWD, NOC)

**AUSTIN & MORRIS**

- America (1968-71)
- Mini Cooper S (1275 engine)
- Alternate engine: 850, 970, 997, 998, 1071, or 1098 cc
- Firewall modification for adjustable front track rod, front lower suspension arm.

**CHEVROLET, PONTIAC, BUICK, OLDSMOBILE, & CADILLAC EQUIVALENTS**

- Beretta (4-cyl & V6) (1987-96)
- Citation (1980-85)
- Nova (FWD) (1985-88)
- Sonic (non-turbo) (2012-17)

**EP (CONTINUED)**

Spectrum (1985-88)

Sprint (non-turbo) (1985-91)

**CHRYSLER, PLYMOUTH, DODGE, EAGLE, & MITSUBISHI**

Colt &amp; Champ (non-turbo) (1979-83)

Colt &amp; Mirage (non-turbo) (1984-88)

Colt, Mirage, &amp; Summit (non-turbo) (1989-92)

Colt &amp; Mirage (non-turbo) (1993-96)

Daytona &amp; Laser (2.2 L non-turbo) (1984-90)

Eclipse, Laser, &amp; Talon (16v &amp; 8v non-turbo, FWD) (1982-90)

Neon (non-turbo) (1995-2005)

Omni, Horizon, 024, &amp; TC3 (1978-90)

Shadow &amp; Sundance (2.2 L) (1986-94)

Shelby Charger (pre-1979)

Shelby Charger (1983-87)

Spirit &amp; Acclaim (4-cyl) (1989-95)

Sedans (N/A, FWD, NOC)

**FIAT**

128 Coupe SL &amp; 3P (1290 cc) (1969-79)

500 (2011-15)

**FORD & MERCURY**

Escort (1997-2002)

Escort, EXP, Lynx, &amp; LN7 (1982-88)

Escort GT &amp; ZX-2 (1991-96)

Escort GT (1981-90)

Festiva (1984-97)

Fiesta (1976-83)

Focus (1998-2010)

Probe (non-turbo) (1989-92)

Probe (non-turbo) (1993-97)

**HONDA**

Accord (4-cyl, non-turbo)

Alternate cylinder head: 12100-P05-010 or 12100-P05-020

Civic (1170 cc)

Civic (1237 cc)

Civic (1488 cc) (1980-83)

Alternate cylinder head: 12100-664-010 (2v per cyl)

Civic (1984-87)

Alternate cylinder head: 1342 cc - 12100-PE2-000, 121000-PE7-000, or 12100-PE3-000; 1488 cc - 12100-PE3-010 or 121-XA1-0084

*Civic & CRX (1988-91)*

Civic (1992-95)

Civic (non-Si) (1996-2000)

Civic Si (1.6L DOHC VTEC) (1999-2000)

**EP (CONTINUED)**

Civic (2001-05)

Civic (2006-10)

CRX (1984-87)

Alternate cylinder head: 1342 cc - 12100-PE2-000, 121000-PE7-000, or 12100-PE3-000; 1488 cc - 12100-PE3-010 or 12100-XA1-0084

Alternate body parts: Mugen front bumper/spoiler, front fender, rear fender, & rear bumper

DelSol (1993-96)

FIAT (2007-18)

Prelude (1978-2001)

Alternate cylinder head: 12100-PC7-000, 12100-PC7-010, or 12100-PC7-020

HYUNDAI

Sonata (1989-2005)

INFINITI

I30 (1996-2001)

I35 (2002-04)

ISUZU

I-Mark (1985-89)

Impulse (non-turbo) (1990-92)

Stylus (1991-93)

LANCIA

Beta (1975-82)

Zagato (1975-82)

MAZDA

323 & GLC (non-turbo, FWD) (1980-95)

626 (non-turbo, 2WD) (1982-2002)

Mazda2 (2011-15)

MX-6 (non-turbo, 2WD) (1988-97)

Sedan (N/A, FWD, NOC)

MINI

Cooper (non-S) (2002-10)

MITSUBISHI

Cordia (non-turbo, FWD) (1982-90)

Alternate Specification: No split shift

Eclipse – see Chrysler

Galant (non-turbo) (1998-2002)

Mirage – see Chrysler

NISSAN/DATSUN

NX (B13 chassis) (1991-93)

Pulsar (N12 chassis) (1983-86)

Alternate cylinder head: 11041-15M00

**EP (CONTINUED)**

- Pulsar (N13 chassis; 16v) (1987-90)
  - Alternate cylinder head: 11041-15M00
  - Alternate engine: A14
- Sentra (B11 chassis) (1983-86)
  - Alternate cylinder head: 11041-15M00
- Sentra (B12 chassis; 1.6 L) (1987-90)
  - Alternate cylinder head: 11041-15M00
  - Alternate engine: L16
- Sentra (B13 chassis; 2.0 L) (1991-94)
  - Alternate cylinder head: 11041-H5704
- Sentra & 200SX (B14 chassis) (1995-99)
- Versa (2010-15)
- Sedan (N/A, FWD, NOC)

**PEUGEOT**

- 405 (non-turbo) (1987-91)

**RENAULT**

- Alliance, Encore, R-9, & R-11 (1982-89)
  - Alternate cylinder head: 77005972627
- LeCar & R-5 (non-turbo, FWD) (1978-96)
  - Alternate cylinder head: 7700597627 (firewall/bulkhead modifications when using alternate head)
- R17 Gordini (1971-77)
- Sedan (FWD, NOC)

**SAAB**

- 93 & 96 Sedan (843 cc, 2-stroke)
- 96 (non-turbo, FWD) (1960-80)
- 99 (non-turbo, FWD) (1969-84)
- 900 (non-turbo, FWD) (1979-94)
- Sonett (1498 & 1699 cc)
- Sedan (non-turbo, FWD, NOC)

**SATURN**

- S & L series (1991-2005)
- ION (non-supercharged) (2003-07)

**SUBARU**

- GL Coupe (non-turbo, FWD) (1980-89)
- Sedan (non-turbo, FWD, NOC)

**SUZUKI**

- Swift GA, GL, GTi, & GT (1985-2001)

**TOYOTA**

- Celica (non-turbo, FWD) (1986-89)
- Celica (non-turbo, FWD) (1990-93)
- Celica (non-turbo, FWD) (1994-99)
- Celica (non-turbo) (2000-05)

## **EP (CONTINUED)**

Corolla (non-turbo, FWD) (1984-87)

Corolla (non-turbo, FWD) (1988-92)

Alternate engine: 4A-C

Corolla (non-turbo) (1993-97)

Corolla (non-turbo) (1998-2002)

Corolla (non-turbo) (2003-08)

Paseo (non-turbo) (1991-97)

Tercel (non-turbo) (1980-82)

Tercel (non-turbo, FWD) (1983-86)

Tercel (non-turbo) (1987-90)

Tercel (non-turbo) (1991-94)

Tercel (non-turbo) (1995-99)

Yaris (2007-17)

Sedans (non-turbo, FWD, NOC)

### **VOLKSWAGEN**

Corrado (16v, non-supercharged) (1988-95)

Corrado VR6 (1992-95)

Rabbit, Jetta, Scirocco, Cabriolet, & Pickup (A1 chassis) (1975-92)

Golf & Jetta (A2 chassis) (1985-93)

Golf, GTI, & Jetta (A3 chassis; 1.8 L & 2.0 L non-turbo) (1993-98)

Golf, GTI, & Jetta (A4 chassis; 2.0 L non-turbo) (1999-2005)

Golf, GTI, & Jetta (A5 chassis; 2.5 L 5-cyl) (2006-09)

New Beetle (2.0 L non-turbo & 2.5 L 5-cyl) (1998-2010)

Sedan (N/A, FWD, NOC)

YUGO (1986-92)

“CATCH-ALL”: Other (4-cyl N/A, FWD, NOC)

### **LEVEL 2 (LIMITED PREPARATION) VEHICLES**

This list of vehicles and the allowances below was developed from Level 2 (Limited Prep) vehicles listed in the Club Racing GCR under Production Category. The goal is for these cars to be less expensive and easier to prepare but allow them to be fully competitive with the cars currently in Prepared class E (EP).

The following vehicles are classed in EP with the Level 2 (Limited Prep) allowances per Section 17, Prepared Category, and the specifications listed below.

Permitted optional carburetors, for single carburetor cars, are:

A. Weber 32DGV, 32DGAV, or 32DGEV

B. Weber 32/36DGV, 32/36DGAV, or 32/36DGEV

C. Weber 32/36DFV, 32/36DFAV, or 32/36DFEV

D. Weber 34DAT, 34DATR, 34DATRA, or 34DMTR

E. Holley-Weber 5200

**EP (CONTINUED)****MAKE**

Model..... Intake/Exhaust Valve Size (max.)  
 Engine displacement .....Induction  
 Additional specifications

**FORD**

Fiesta (1978-80) ..... 1.41"/1.24"  
 1598 cc..... (1) 40DCN, 40DCNF, or 40IDF carburetor  
 Compression ratio (max.): 11.0:1; valve lift (max.): 0.450"  
 Festiva (1988-93) ..... 1.26"/1.10"  
 1324 cc.....carburetor or fuel injection  
 Compression ratio (max.): 10.5:1; valve lift (max.): 0.450"

**GEO**

Metro 13BA (1989-94) ..... 1.42"/1.18"  
 1298 cc ..... fuel injection  
 Compression ratio (max.): 11.0:1; valve lift (max.): 0.450"

**HONDA**

Civic, Civic Si, CRX, & CRX Si (1984-87) .....1.07"/1.30"  
 1488 cc .....carburetor or fuel injection  
 Compression ratio (max.): 11.0:1; valve lift (max.): 0.390"  
 Civic, (all) & CRX (all) (1988-91)..... 1.14"/0.98"  
 1493cc ..... fuel injection  
 Compression ratio (max.): 11.0:1; valve lift (max.): 0.390"  
 1590cc ..... fuel injection  
 Compression ratio (max.): 11.0:1; valve lift (max.): 0.390"

**RENAULT**

Alliance/Encore (1984-87) .....1.50"/1.28"  
 1721 cc ..... fuel injection  
 Compression ratio (max.): 10.5:1; valve lift (max.): 0.450"

**SUZUKI**

Swift GA (1989-94) ..... 1.42"/1.18"  
 1298 cc ..... fuel injection  
 Compression ratio (max.): 11.0:1; valve lift (max.): 0.450"

**VOLKSWAGEN**

Golf (GTI, GT, GL) (non-turbo) .....1.57"/1.30"  
 1780 cc ..... fuel injection  
 Compression ratio (max.): 11.5:1; valve lift (max.): 0.420"  
 Jetta (1985-91) .....1.57"/1.30"  
 1780 cc ..... fuel injection  
 Compression ratio (max.): 11.5:1; valve lift (max.): 0.420"  
 Rabbit (1981-84) .....1.34"/1.22"  
 1715 cc ..... fuel injection  
 Compression ratio (max.): 11.0:1; valve lift (max.): 0.450"

**EP (CONTINUED)**

Rabbit GTI (8v engine) (1983-84) .....	1.57"/1.30"
1780 cc .....	fuel injection
Compression ratio limited (max.): 12.0:1; valve lift (max.): 0.420"	
Rabbit .....	1.34"/1.22"
1588 cc ..... (1) 40DCN or 40DCNF carb w/32mm chokes or fuel inj	
Compression ratio (max.): 11.0; valve lift (max.): 0.450"	
Scirocco (1981-84) .....	1.34"/1.22"
1715 cc .....	fuel injection
Compression ratio (max.): 11.0:1; valve lift (max.): 0.450"	
Scirocco (8v engine) (1983-88) .....	1.57"/1.30"
1780 cc .....	fuel injection
Compression ratio (max.): 12.0:1; valve lift (max.): 0.420"	
Scirocco .....	1.34"/1.22"
1457 cc..... (1) 40DCN, 40DCNF, or 40IDF carb w/32mm chokes or fuel inj	
Compression ratio (max.): 11.0:1; valve lift (max.): 0.450"	
1471 cc ..... (1) 40DCN, 40DCNF, or 40IDF carb w/32mm chokes	
Compression ratio (max.): 11.0:1; valve lift (max.): 0.450"	
1588 cc ..... (1) 40DCN or 40DCNF carb w/32mm chokes or fuel inj	
Compression ratio (max.): 11.0:1; valve lift (max.): 0.450"	

**F PREPARED (FP)**

Wheel size allowances are as per Section 17.4.

Minimum weights (without driver) are determined by engine displacement. Increases in engine displacement resulting from legal overbore are not considered in these calculations.

Wheels up to 10" wide are allowed with no weight increase; a maximum width of 12" is permitted.

WEIGHT FORMULAS (LBS.):

Piston Engines: .....	0.750 x displacement (cc)
Rotary Engines:.....	0.700 x specified displacement (cc)
Forced Induction:.....	+ 0.450 x displacement (cc)
Peripheral Port Rotary:.....	+ 0.050 x displacement (cc)

WEIGHT ADJUSTMENTS (LBS):

51% or more of weight on rear axle: .....	+0.040 x displacement (cc)
Wheel width greater than 10" up to 11": .....	+50
Wheels greater than 11" wide up to 12" wide: .....	+100
AWD: .....	+ 0.100 x displacement (cc)
FWD: .....	- 0.100 x displacement (cc)
Solid Drive Axle:.....	- 0.050 x displacement (cc)
<i>Alternate Engine Allowance: .....</i>	<i>+0.10 x displacement (cc)</i>

Regardless of the weight formulas above no car may weigh less than 1900 lbs. (*except that cars using 17.10.R, Engine Swap Allowance, must not weigh less than 2100 lbs.*) or be required to weigh more than 2700 lbs. prior to addition of weight adjustments defined herein and in Section 17.

WEIGHT CALCULATION EXAMPLE:

Subaru WRX STI (2.5L) with 11" wheel width.

Actual displacement (before overbore): 2457 cc.

The formula would be: 0.750 (piston engine) + 0.450 (forced induction) + 0.100 (AWD) = 1.3 (total weight factor).

Calculated weight: 1.3 x 2457 = 3195 lbs. (exceeds maximum limit).

2700 lbs. (maximum allowed weight)

+ 50 lbs. (wheel width over 10" up to 11")

= 2750 lbs. (total weight minimum).

ACURA

NSX (1990-2005)

ALFA ROMEO

GTV V6 (1981-86)

AUDI

4000, 4000 Quattro, Coupe Quattro, Coupe (1981-87)

90 Coupe, 90 Quattro Coupe & Sedan (1990-91)

TT



**FP (CONTINUED)**

AUSTIN-HEALEY

3000 (1959-67)

100-6 (1956-59)

BMW

1 Series (6-cyl non-turbo, E82/E88 chassis) (2008-10)

3 Series (6-cyl 12v, E30 chassis) (1984-90)

3 Series (6-cyl 24v, E36 chassis) (1992-98)

3 Series (6-cyl all, E46 chassis) (1999-2005)

3 Series (6-cyl non-turbo, E90/E91/E92/E93 chassis) (2006-13)

CHEVROLET

Sprint Turbo

CHRYSLER, PLYMOUTH, DODGE, EAGLE, & MITSUBISHI

Colt Turbo

Daytona & Laser (Turbo) (1984-89)

Omni Turbo

Shadow & Sundance (Turbo) (1987-94)

SRT-4 (Neon chassis) (2003-05)

Talon & Laser (Turbo, FWD & AWD) (1989-94)

Conquest & Starion Turbo

FERRARI

Dino 246

Dino 246 GT

308 (all)

HONDA

S2000 (2000-09)

ISUZU

I-Mark RS (16V & Turbo, FWD)

JAGUAR

XKE (1961-74) (6-cyl)

XKE (1961-74) (V12)

LEXUS

IS300 (2001-05)

LOTUS

Elise & Exige (normally-aspirated) (1996-2010)

MAZDA

MazdaSpeed Protégé (2003)

MazdaSpeed MX-5 Miata (2004-05)

MX-6 (12A Rotary; no peripheral port allowed) (1988-97)

MX-6 GT Turbo

RX-2 (1971-74)

12A engine..... specified displacement (cc): 2292

No peripheral port allowed.

**FP (CONTINUED)****RX-3 (1971-78)**

12A engine..... specified displacement (cc): 2292  
 No peripheral port allowed.

**RX-4 (12A or 13B) (1974-78)**

12A engine..... specified displacement (cc): 2292  
 No peripheral port allowed.

13B engine.....specified displacement (cc): 2616  
 No peripheral port allowed.

**RX-7 (1986-91)**

13B engine.....specified displacement (cc): 2616

Alternate engine: Renesis.....specified displacement (cc): 2616

Bridge or peripheral porting allowed in all engines.

**RX-7 (1979-85)**

12A engine..... specified displacement (cc): 2292

13B engine.....specified displacement (cc): 2616

Alternate engine: Renesis.....specified displacement (cc): 2616

Bridge or peripheral porting allowed in all engines.

**RX-8 (bridge or peripheral porting allowed)**

Renesis engine .....specified displacement (cc): 2616

Alternate engine: 12A ..... specified displacement (cc): 2292

Alternate engine: 13B .....specified displacement (cc): 2616

Bridge or peripheral porting allowed in all engines.

**MINI****Cooper S (2002-13)****MITSUBISHI****Eclipse Turbo (FWD & AWD) (1990-98)****Lancer Evolution (2003-06)****MORGAN****Plus 8****NISSAN & DATSUN****240Z, 260Z, & 280Z (incl. 2+2) (1970-78)**

Alternate part: headlight covers

**280ZX (incl. 2+2) (1979-83)**

Alternate part: headlight covers

**300ZX (Z31 chassis) (1984-89)**

Alternate part: headlight covers

**300ZX (Z32 chassis; non-turbo) (1990-96)**

Alternate part: rear facing hood scoop (3.5" max height)

**350Z & 370Z (2003-17)****PONTIAC****Fiero (V-6 2.8L)**

Alternate suspension: rear double A-arm

Air cleaner may protrude through engine hatch.

**FP (CONTINUED)**

**Solstice GXP**

**PORSCHE**

911 (3.6L & under, non-turbo)

Alternate cylinder heads: twin spark plug

914-6 (2.0L, 2.5L, 2.7L, & 2.8L 6-cyl air-cooled)

Alternate cylinder heads: twin spark plug

924 Turbo

924S (1986-88) & 944 (non-turbo, all) (1982-91)

*Alt. cyl. head (2.5L only): #933.104.302.50 w/36 mm ex. valves*

944 Turbo (1985-91)

968 (1992-95)

Boxster & Cayman (986 & 987) (1996-2012)

**SAAB**

99 (1968-84)

900 Turbo & 900 SPG Turbo 16v (1979-88)

**SATURN**

Sky Red Line

**SUBARU**

Impreza (AWD) & WRX (all)

SVX (1992-97)

Sedan/Coupe (Turbo, NOC)

**SUZUKI**

Swift Turbo

**TOYOTA**

Celica All-Trac (1988-89)

Celica All-Trac (1990-93)

Celica All-Trac (1994-99)

Celica Supra (1979-81)

Celica Supra (1982-86)

Supra (non-turbo) (1986½-92)

Supra (non-turbo) (1993-98)

MR2 Supercharged (Mk1 chassis) (1988-89)

Alternate chassis: 1985-89

MR2 Turbo (1991-95)

**TRIUMPH**

TR6 (1969-76)

TR8 (215 c.i. or 4L)

TR250 (1967-68)

**TVR**

6-cyl

**VOLKSWAGEN**

Corrado (1.8L Supercharged w/54 mm inlet restrictor) (1990-95)

Golf, GTI, & Jetta (A3 chassis; TDI or VR6) (1993-98)

**FP (CONTINUED)**

Golf, GTI, & Jetta (A4 chassis; 1.8T, TDI, or VR6) (1999-2005)

Golf, GTI, & Jetta (A5 chassis; 2.0T or TDI) (2006-10)

New Beetle (1.8T or TDI) (1998-2010)

R32 (3.2L V6, AWD) (2004)

“CATCH-ALL”:

Sedan (4-cyl forced induction or 6-cyl engine, NOC)



## MODIFIED CATEGORY

All listed weights are with driver except where noted otherwise. Weights not listed default to the appropriate SCCA® Club Racing GCR (General Competition Rules) reference. “Car” is defined in Section 12. In the Solo® Rules Sections where preparation allowances are specified and if there are conflicts with the GCR allowances, the Solo® Rules shall take precedence.

### MODIFIED CLASS A (AM)

Cars with a minimum weight of 900 lbs. with driver and a minimum 72” (182.9 cm) wheelbase, plus Formula SAE as specified in Section 18.5. Club Racing GCR-compliant Formula S (FS) and A Sports Racer (ASR) vehicles may compete in this class.

### MODIFIED CLASS B (BM)

All Formula Cars or Sports Racers compliant under the current Club Racing GCR Sections 9.1.1.A.1 a-h or 9.1.8.D.1 A-H, unless specifically classed elsewhere, with the following exceptions:

- A. Spec tires are not required.
- B. Minimum wheelbase of 80” (203.2 cm).
- C. Sports Racers and all Open-Wheel Cars including Formula Atlantics:
  1. Turbocharged and supercharged engines are not permitted.
  2. May use any automobile-based 2v/cyl engine up to 1300 cc, any 2-stroke motor up to 900 cc, any 4v/cyl or more engine up to 1005 cc.
    - Minimum weight with driver (lbs.): .....1020
  3. May use any 2v/cyl automobile-based production engines up to 1615 cc.
    - Minimum Weight with driver (lbs.): .....1110
  4. May use any 4v/cyl or more engine up to 1615 cc. May use any 2-stroke up to 1300 cc or Mazda 12A rotary with any porting and any carburetion. May use fuel injection without weight penalty as required by the GCR.
    - Minimum weight with driver (lbs.): ..... 1180
  5. May use any engine up to 3000 cc.
    - Minimum weight with driver (lbs.): ..... 1285
  6. Minimum rim width: .....none
  7. Maximum allowed rim width (in.): ..... 15
  8. Transmissions – No restriction on mechanical shift sequence/pattern, use of transverse types (motorcycle transmission or similar), number of gears, or use of CVT in any vehicle.
  9. Minimum width for all cars shall be no less than 57” as measured at the narrowest end of the car at the tire outer sidewalls with a minimum 14 psi of tire pressure.

10. All prohibited cost control items in P2 per GCR Section 9.1.8.D.A apply to formula cars as well as sports racers with the following Solo® changes to the list:

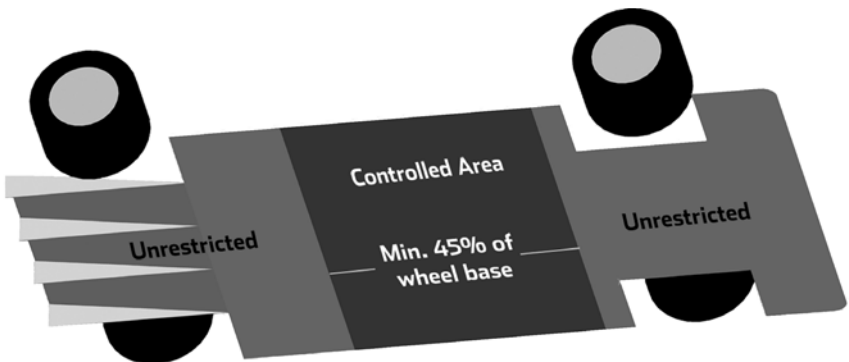
- a. All chassis/tub over 75% composite are allowed and incur no weight penalty unless under either 96" wheelbase or 66" rear sidewall-to-sidewall outside width (measured with tire pressure at least 14 psi), in which case minimum weight is increased by 50 lbs.
- b. Direct injection for non-automobile engines incurs a weight adjustment of an additional 25 lbs.

D. Formula 2000 and Formula Continental per GCR/FCS:

- 1. Minimum weight with driver (lbs.):..... 1090
- 2. Rim width:.....unrestricted
- 3. Airfoil maximum size per Formula Atlantic rules.

E. Aerodynamic restrictions for Sports Racers:

- 1. The total area when viewed from the top of front and rear wings shall not exceed 8 sq. ft. (0.743 m<sup>2</sup>). Area calculation is of the airfoil element plan view and does not include side plates. Side plate area and element profile are unrestricted.
- 2. Cars with underbody features built in excess of P2 aerodynamic allowances (2015 GCR Section 9.1.8.D and 9.1.8.E) must meet a weight penalty of 50 lbs. and must be constructed within the following limitations:
  - a. For the full width of the body the floor pan will be a minimum of 45% of the wheelbase; the lower surface (surface licked by the air stream) shall not exceed ±1" (2.54 cm) deviation in any longitudinal section through the plane forming the bottom of the tub or chassis floor. The 45% minimum (of the wheelbase) dimension is measured from the point that the surface meets the full width of the body (behind the front wheel or in front of the rear wheel). (This is not to be interpreted as requiring a floor pan beneath the motor, transaxle, transmission, or final drive housing.) See figure.



- b. No aerodynamic devices (e.g. “skirts,” body sides, etc.) may extend more than 1 cm (0.394”) below this lower surface anywhere on the car to the rear of the front axle. Seat bucket or other protrusions shall not circumvent this rule.
  3. The current GCR P2 underbody aero specifications shall apply to all sports racers and production cars as recognized in DM and EM running in BM as sports racers.
  4. Production cars running in BM must have the tires as viewed from above at least half covered. Cycle fenders may be used to comply with a sports racer classification.
- F. Aerodynamic restrictions for Formula Atlantic (all open-wheel in BM) shall follow the current Club Racing GCR Formula Atlantic Preparation Rules with the following Solo® allowances:
1. Wings and all other aerodynamic devices front and rear may match but shall not exceed sports racer P2 GCR maximum height (45.25” per P2 GCR 9.1.8.D.D.2 ).
  2. Front wing width may match but shall not exceed overall front width as measured at the tires. Front wing elements may not extend behind the front wheel centerline.
  3. Rear wing width shall not exceed the Club Racing FA specs with the exception that endplate gurney lips are not included. Endplate Gurney lips shall not exceed 7 cm (2.756”) additional width per side and shall not deviate more than 10° from vertical. No part of the entire rear wing assembly, including wing elements and end plates, shall extend more than 1 m (39.37”) to the rear of the rear wheel centerline.
    - a. Except for cars meeting the dimensions of subsection F.3.b herein, the rear wing element assembly maximum plan view fore-aft dimension shall not exceed 70 cm (27.56”).
    - b. For cars 66” wide or more at the rear tires and which also meet a weight of 1180 lbs, the fore-aft dimension of the rear wing element assembly plan view shall not exceed 90 cm (35.43”).
  4. Side pod or other parts not considered chassis are not required to attach or stay above a line situated 1 cm (0.4”) above the chassis bottom (this is an exception to GCR 9.1.1.A.1.g.10).
  5. Flexible ground sealing is permitted on cars 66” wide or more at the rear tires and which also meet a weight of 1180 lbs.

### **MODIFIED CLASS C (CM)**

- A. Modified Class C (CM) allows the Solo® Vee and the following SCCA® Club Racing GCR-compliant cars: Spec Racer Ford (SRF), Formula F (FF). Within the limitations of the GCR, additional frame bracing, suspension and steering changes, relocation of ancillary components (radiators, batteries, etc.), and their associated mounting brackets is



permitted. Nothing in these rules is to be construed as overruling any GCR construction requirements or limitations except for those safety items which the Solo® Rules do not require. The purpose of these rules is to maintain the value of these cars for Club Racing and therefore their market value, and to prevent special Solo®-only Formula F vehicles.

Exceptions to the Club Racing GCR for all cars in this class:

1. Spec tire requirements do not apply.
2. Formula F (FF) weight with driver (min.):
 

Ford Cortina engine (lbs.) .....	1050
Ford Kent and Honda Fit engines (lbs.) .....	1100
3. Only cars produced by the following manufacturers are eligible for FF in this class: ADF, Alexis, Anson, Caldwell, Citation, Crossle, Dulong, Eagle, Elden, Forsgrini, Gemini, Hawke, Konig-Heath, LeGrand, Lola, Lotus, March, Merlyn, Mondiale, Piper, PRS, Reynard, Royale, Stohr, Swift, Tiga, Titan, Van Diemen, Winkleman, and Zink. The SEB may add to this list at any time, effective upon notification of the membership.

**B. Other Club Racing GCR-compliant Formula Cars**

1. Formula Vee (FV)
2. Formula First (FST)

C. Solo® Vee as per the following definition: Solo® Vee is based on Club Racing Formula Vee (FV) and all cars shall meet all specifications described in the Club Racing GCR Sections 9.1.1.C.1, C.2, C.3, C.4, C.6, C.7, C.8, C.9, C.10, C.11 and C.12 except as amended in these rules. No permitted or alternate component or modification shall additionally perform a prohibited function.

**1. Engine Choices**

a. Any standard 1600 cc or smaller air-cooled automobile engine manufactured by Volkswagen (VW) for sale in VW vehicles available to the general public for purchase in the US is allowed.

1. Solo® Vee engines may increase compression up to and including 10:1 ratio with OE bore and stroke. Compression ratio may be increased by additional machining of any factory machined surface on the cylinder heads only. Fuel injection is prohibited. Valve size may be increased to a maximum of 40.0 mm intake and 35.5 mm exhaust. Port location may not be changed from OE standard. Machining of any type in the combustion chamber such as, but not limited to, valve unshrouding is prohibited. Valve guide centers shall remain OE standard. OE standard heads shall be used; however, alternate VW heads with casting numbers 040 101 355 or 043 101 375 may be substituted. Any single carburetor (regardless of the number of venturis) is permitted. Multiple carburetion is restricted to a maximum of

two 44 mm carburetors with 28 mm ventures. If a balance tube is used between manifolds runners, it shall be restricted to one 1/2" (0.500", 50.8 mm) ID pipe. Any intake manifold not having a plenum chamber is permitted.

OR

2. Increase bore up to and including 94 mm maximum per cylinder, total displacement of 1915 cc. Machining to allow the installation of the cylinders is permitted. No other combustion chamber machining (such as, but not limited to, unshrouding of the valves) is permitted. Valve guide centers must remain OE standard. Increased displacement engines up to 1915cc are restricted to maximum valve sizes 39 mm intake and 32 mm exhaust. Port location may not be changed from OE standard. OE standard heads shall be used; however, alternate VW heads with casting numbers 040 101 355 or 043 101 375 may be substituted. A maximum compression ratio of 9:1 is permitted. Compression ratio may be increased by additional machining of any factory machined surface. Any single carburetor may be used. Multiple carburetors are prohibited. Any intake manifold not having a plenum chamber is permitted.
  - b. There shall be no mixing of allowances (e.g., carburetors from 1 above and displacement from 2 above).
2. Engine Components
  - a. Mixing of parts between different air-cooled engine models is permitted. All parts must meet VW specifications for engines delivered for use in the US in VW vehicles unless otherwise noted herein.
  - b. Balancing of all moving parts is permitted provided balancing does not remove more material than necessary to achieve balance.
  - c. Parts from alternate manufacturers or remanufactured parts are permitted provided said parts are of the same material, are dimensionally identical, and meet all original VW specifications for engines delivered for use in the US in VW vehicles. This would include VW replacement heads as specified without raised ports and aluminum engine cases. Aftermarket magnesium engine cases may also be substituted.
  - d. The flywheel from either the alternate engine or from the 1200 cc engine may be used. Minimum flywheel weight is 12 lbs. Any single-disc clutch may be used. The transmission housing may be machined to provide clearance when using the alternate engine/flywheel assembly.
  - e. Any exhaust system which terminates more than 3" (7.62 cm) behind the rearmost part of the body may be used.

- f. Counterweighted crankshaft and 8-dowel pinned crankshaft-to-flywheel mounting are allowed. All journal dimensions and relationships with each other must remain as standard. Crankshaft journals may be ground undersize a maximum of 0.030" (0.762 mm) less than standard dimensions. Crankshaft pulley is unrestricted.
- g. Deep sump oil pan up to 2.5 qt. (2.37 L) additional capacity is permitted. The installation of baffles housed completely within the oil pan and crankcase is permitted. The use of any standard VW oil pump is permitted. Dry sump systems are permitted. Replacement of oil gallery plugs with threaded plugs is permitted. Oil filters and oil coolers are unrestricted provided that they are securely mounted completely within the bodywork. A pressure accumulator (e.g., Accusump®) may be fitted.
- h. Camshaft and valve train components are unrestricted with the following exceptions:
  - 1. Pushrods shall be made of metal.
  - 2. Valve lifters (tappets) shall be dimensionally and functionally identical to and made of the same material as the standard VW parts.
  - 3. Roller camshafts are prohibited.
  - 4. Rocker arms shall be standard ratio VW.
  - 5. Valve guide material is unrestricted provided that the distance between valve centers and the angles of the valves does not change.
- i. Porting, polishing, and machining of the intake and exhaust ports is permitted. The addition of material in any form is prohibited. Valve seat angles are unrestricted.
- j. Compression ratio may be increased by additional machining of any factory machined surface on the cylinder heads only. Installation of a spark plug hole repair utilizing standard thread repair methods (e.g., Heli-Coil®) is permitted providing that the spark plug centerline is not changed.
- k. Complete or partial removal of any cooling duct component. Removal of the fan and the fan housing is permitted. Any electric fan is permitted for cooling the engine or engine oil.
  - l. Voltage regulator, generator, and/or generator stand may be removed.
- m. One or more batteries may be used.
- n. Any ignition system that utilizes a distributor for spark timing and distribution may be used. Distributor shall require no modification to the engine for installation. Internal distributor components and distributor cap may be substituted.

- o. Valve covers are unrestricted and may be bolted on.
  - p. Electric radiator/engine cooling fan(s) may be installed.
3. Transaxle
- a. Aftermarket shift forks/shift rod/mounting parts and alterations required for their installation is permitted with the intent of facilitating reliable H-pattern shifting.
  - b. This allowance does not include sequential shifting (push button or single axis lever movement) mechanisms or electric/gas assist. Cable/hydraulic actuating mechanisms are allowed.
  - c. Any primary or final drive gears of any origin may be used. This does not allow the use of alternate transaxles. A reverse gear is not required.
  - d. A device for locking-out reverse gear may be used.
  - e. A limited-slip differential (LSD) is permitted.

4. Bodywork

Bodywork to the rear of the main roll hoop may be removed.

5. Front Suspension

The front suspension shall be standard VW Type 1 sedan H-beam front suspension (i.e., link pin or ball joint) or an exact replica of one of them and dimensionally identical. Aluminum H beams are prohibited. The following modifications are permitted:

- a. Lugs welded, brackets attached by welding or otherwise, and holes drilled in the H-beam to permit attachment of the beam to the chassis, and components wholly or partially to the beam. Brackets may be welded to the torsion arms for the sole purpose of actuating the shock(s) and/or external mounted anti-roll bar and shall perform no other functions.
- b. Open springs. Torsion bars may be used in conjunction with coils or may be removed entirely. "Coil-overs" are permitted.
- c. Removal of the shock towers above the upper H-beam tube centerline.
- d. Relocation of the shock dampers. Shock dampers and their actuation are free.
- e. The use of any anti-roll bar or bars, internal or external, mounting hardware, and trailing arm locating spacers. The anti-roll bar fitted as part of the standard suspension may be removed. Anti-roll bars may not be cockpit adjustable.
- f. Replacement of torsion bar rubbers with spacers of another material.
- g. Installation of any ride height adjuster(s).
- h. Removal of the drum brake backing plates.
- i. In the link pin suspension, non-standard offset link pin bushings

in order to obtain desired negative camber. Clearancing of carrier or trailing arm to prevent binding is permitted. The rubber portion of the bump stop may be removed. Caster, camber, toe-in, and link pin inclination are free.

- j. In the ball joint suspension, the camber/caster adjusting replaced with an aftermarket nut of different design. Caster, camber, and toe-in are free.
- k. Any wheel bearings that fit the VW sedan spindles and brake drums or disc brake hubs without modification.
- l. Steering column altered or replaced. Steering wheel is free and may be detachable. Steering mechanism is free but tie rods must attach to the spindle using existing steering arm, a modified steering arm, or a suitable new or modified bracket welded to the spindle. Ball joints in the tie rods may be replaced with rod ends.

## 6. Wheels

- a. Any wheels and tires are allowed. Resulting track changes are allowed. Studs may be substituted for wheel attachment bolts in the original location. Bolt pattern may be changed.
- b. 4- or 5-lug wheel hubs may be used. Wheel mounting lug bolts may be replaced with studs.

## 7. Rear Suspension

- a. The rear axle and tube assembly shall be standard VW Type 1 sedan (up to 1966) swing axle (no outer pivot point for a half shaft) with axle location provided by a single locating arm on each axle. The rear axle tube may be rotated about its axis. The standard shock mounting and brake pipe brackets may be removed.
- b. The rear axle bearing retainer flange mating surface may be machined or shims may be installed under the rear axle bearing for the sole purpose of adjusting bearing axial float.
- c. Springs, shock dampers, their actuation, anti-roll bars, and camber compensating devices are unrestricted, as are cables, straps, or other positive stops used to limit positive camber.

## 8. Braking System - Front and Rear

- a. Standard VW Type 1-3 brake components, disc or drum, may be used including any standard VW Type 1-3 original. Use of aftermarket hubs, disc or drum brake components in the front or rear of the vehicle, or any combination thereof is unrestricted as long as the units chosen are deemed safe.
- b. Caliper housing material may be removed on the outer radius surface of the outer piston housing to clear the inside of the rotating wheel.
- c. Any type lining or pad material may be used.

- d. Adapter plates may be fitted to allow mounting of front or rear brake calipers.
- e. Cross-drilling or grooving of rotors is permitted. Rotors made of a ferrous material shall be used on both the front and rear of the car.
- f. Caliper mounting is free. Rotors must be of ferrous material. Hubs and hats may be made of ferrous material or aluminum.
- g. The car shall be equipped with a dual braking system operated by a single control. In case of a leak or failure at any point in the system, effective braking power shall be maintained on at least 2 wheels.
- h. A separate hand brake is not required. Removal of the hand brake and operating mechanism is permitted.
- i. Brake lines may be of any suitable material, including steel braided lines.

9. Weight

Minimum weight with driver (lbs.):..... 1000

**MODIFIED CLASS D (DM)**

Modified Production and GT cars with internal combustion engine displacement 2000 cc and under as follows:

A. The Mazda 12A and 13B Rotary engines are permitted in DM with the following restrictions:

- 1. No replacement of cast iron engine case segments with aluminum.
- 2. On the 12A engine, only side and rotor housings from 1974-86 engines shall be used.
- 3. No replacement of 12A or 13B sections, such as side plates, with those from other series engines (i.e., Renesis-type parts).
- 4. On 12A engines: no peripheral-porting or J-porting is allowed. Bridge-porting that does not cut into the water O-ring is permitted. On 13B engines, 4- and 6-port: Maximum porting permitted is street-porting. No bridge-porting, J-Porting, or peripheral-porting.

B. Weight with driver vs. computed displacement (lbs.):

- Piston engines, normally-aspirated up to & including 1800 cc ..... 1280
- 12A rotary engines, normally-aspirated w/ porting restriction ..... 1280
- Piston engines, normally-aspirated 1801-2000 cc .....1380
- 13B rotary engines, normally-aspirated w/ porting restriction .... 1380
- Forced induction w/ displacements per 18.0.B, up to 2000 cc w/ inlet restrictor .....1380

C. Performance Adjustments (lbs.):

- AWD..... Add 200
- Modified Tub .....Add 40
- TCS..... Add 200

- ABS and/or SCS (no additional weight adjustment) ..... Add 250
- D. Weight Bias Adjustment with driver sitting in the driver’s seat (lbs.):
- RWD with less than 51% weight on drive wheels ..... Deduct 35
  - FWD ..... Deduct 35
  - AWD ..... Not affected

**MODIFIED CLASS E (EM)**

Modified Production and GT cars as follows:

A. Weight with driver vs. Displacement (lbs.):

- Piston engines up to & including 3200 cc OHC ..... 1700
- Piston engines up to & including 4500 cc pushrod/OHV ..... 1700
- 2-rotor rotary engines with unrestricted porting ..... 1700
- Piston engines unlimited displacement ..... 1800
- 3-rotor rotary engines with unrestricted porting ..... 1800
- Electric powerplants (non-hybrid) ..... 1800

B. Performance Adjustments (lb.):

- AWD ..... Add 300
- Modified Tub ..... Add 50
- TSC ..... Add 300
- ABS and/or SCS (no additional weight adjustment) ..... Add 375

C. Weight Bias Adjustment with driver sitting in the driver’s seat (lbs.):

- RWD with less than 51% weight on drive wheels ..... Deduct 50
- FWD ..... Deduct 50

**MODIFIED CLASS F (FM)**

A. Club Racing GCR-compliant Formula 500 (F5) with the following exceptions (listed weights are with driver):

1. F5 cars manufactured prior to the current requirement for rubber vibration isolation need not conform to the current GCR Section 9.1.1.D.3.C.
2. F5 cars manufactured prior to January 1, 1990 need not comply with crushable structures as defined in the current GCR Section 9.1.1.D.9.
3. F5 cars manufactured prior to January 1, 1990 which utilize a 73” (185.42 cm) wheelbase may compete even though the driver’s feet extend beyond the front edge of the wheel rims.
4. Minimum weights with driver (lbs.):
  - Kawasaki engine ..... 725
  - AMW engine ..... 800
  - Rotax 493 & 494 engine ..... 800
  - Rotax 593 engine ..... 850
  - 600 cc motorcycle engine ..... 875
  - Wheelbase of 73” or less with 440 engine ..... -25

5. Rotax 493- & 494-powered cars are permitted to use 34 mm or 38 mm Mikuni round-slide carburetors. AMW powered cars may use either the 38 mm AMW carburetors or update to the 38 mm Mikuni round-slide carburetors. In order to accommodate the use of the approved Mikuni VM 38mm sidedraft carburetors on the AMW engine, the use of the AMW intake manifold (part #2736-00) is permitted as are the AMW rubber attachment boots, gaskets, and/or hardware required for the use of this manifold. Competitors using the Rotax 494 RAVE engine are required to use the 494 non-RAVE rotary valve (Rotax part #924509 or 924508, Ski Doo prefix 420, 147 degree designation that opens @ 135° BTDC and closes @ 64° ATDC) in their engine. RAVE valves shall be blocked in the “full open” position or left as delivered. No other alterations are permitted. 494 RAVE and non-RAVE parts may not be interchanged between the two engines unless specifically noted.
6. Competitors utilizing the Rotax 493 engine may leave the manufacturer’s specified intake balance tubes in place or, at their option, completely remove the tubes and make the alterations required to plug the remaining holes. No unnecessary alterations are permitted if the competitor chooses to remove the tubes. The Rotax 493 engine is limited to a Y-pipe exhaust manifold and single expansion chamber as are the Rotax 494 and AMW engines.
7. F5 cars may utilize the Rotax 593 engine (1999 and up; bore: 76 mm, stroke: 65.8 mm) using 38 mm Mikuni roundslide carburetors as an alternate 2-cylinder, 2-cycle, liquid-cooled engine in FM. Such engines must use inlet tract restrictors (Cometic gasket #MA0242S-P1020A), one in each tract immediately after the carburetor. Use of the 2003 and up “HO,” “SDI,” “RS,” and “E-TEC” 593 variants is not permitted.
8. All F440 & F500 engines may use any water thermostat. It may be modified or completely removed as necessary to aid water cooling. The water bypass may be blocked and alternate water cooling plumbing may be used. Electric water pumps may be used.
9. F440 & F500 cars in FM are not required in Solo® to have the sidepods now mandated by Club Racing if they were manufactured prior to 1984 in which that requirement was added to the GCR. Sidepods may not be removed from a car which was originally manufactured with them. The measurements for the height, the maximum width (bodywork), and the distance from the tires to the sidepods as specified in the GCR, Bodywork D.9.C, shall have an allowance from the GCR of  $\pm 1$ ” ( $\pm 25.4$  mm). It is the intent of this allowance to maintain the ability of the sidepod(s) to continue to hold such items as fuel tanks, battery, and radiator(s), but not to allow sidepods to be used for ground effects to achieve aerodynamic downforce on the vehicle.



10. Electric radiator/engine cooling fan(s) may be installed.

B. Dwarf Cars® , 600 Racing Inc Legends Cars® , and Baby Grand Cars® Vehicles built and prepared to Western States Dwarf Car Association® (WSDCA®), US Legend Cars International®, or MMRA® Baby Grand® specifications are assigned to Modified Class F (FM).

NOTE: If any conflict exists between the WSDCA®, US Legend Cars®, or Baby Grand® Rules and the Solo® Rules, the Solo® Rules shall take precedence.

1. Cars prepared to these specifications are required to comply with the appropriate rules from their sanctioning body, except for the items listed below:

- a. Any tire (including recaps) meeting the applicable portions of Section 3.3 are allowed.
- b. Any differential and final drive gear ratio may be used.
- c. Any shock absorber may be used.
- d. Any wheel up to 10" wide and any diameter may be used.
- e. Any anti-roll bar may be used.
- f. Any air filter is allowed.
- g. Any ballast is allowed provided it is mounted securely per the Solo® Rules.
- h. Any battery may be used.
- i. Engine does not need to be sealed but must conform to the appropriate rule set.
- j. Minimum weight with driver (lbs.): ..... 1250

2. WSDCA®, US Legend Cars®, and Baby Grand® specific items not required are as follows:

- a. INEX-approved manufactured metal seat. Mounting guidelines still apply.
- b. Seatbelt harness dating requirements.
- c. Quick-release steering wheels.
- d. Fire extinguishers.
- e. Fire-retardant driver suit and gloves.
- f. Neck braces.
- g. Head and neck restraints (HNR).

3. Current Solo® Rules override WSDCA®, US Legend Cars®, and Baby Grand® rules for the following items:

- a. Helmets.
- b. Car number and class designation.
- c. Exhaust system, muffler, and tailpipe.

## APPENDIX B - SUPPLEMENTARY CATEGORIES

### CLASSIC AMERICAN MUSCLE (CAM)

**RATIONALE:** The purpose of CAM is to attract automobile enthusiasts who are currently interested and/or participating in autocross events for muscle cars and vintage vehicles manufactured in North America by GM, Ford, Chrysler, and AMC. These avid enthusiasts would largely be a new and different group to join us as SCCA® members and participants. Regions are encouraged to offer this great recruitment tool using a single CAM class or more to encourage Classic American Muscle car enthusiasts to join the fun at your SCCA® Solo® events!

#### Eligible Vehicles

- Must be either a domestic automobile or truck (pick-up or SUV) of front-engine/rear-wheel-drive (FE/RWD) configuration.
- Must be licensed and insured, as well as fully “street legal” (*working lights, etc.*).
- *Must have “full-size” windshield similar to what came from the manufacturer. Side glass must be present if original for the vehicle. Lexan® or equivalent may be used.*
- Must pass the mandatory Safety (Tech) Inspection of Section 3, Vehicles, and must be in compliance with the Sound Measurement Procedures, Appendix I, of the 2019 SCCA® National Solo® Rules.
- EXCLUDED: Dodge/SRT Viper (2013-17); Jeep military/CJ/Wrangler.

#### Body Allowances

- Body panels may be modified or replaced in the original standard locations. Frame may be modified or replaced. Vehicle perimeter and wheelbase must be full-scale to the original model. Incidental wheelbase changes resulting from the allowed replacement of suspension components/or modification of suspension design are allowed. This is not an allowance to shorten or lengthen the chassis/body (e.g., change the scale from the original).
- Interior and exterior must have a “finished” look.
- Front seating may be replaced or modified. Rear seating may be removed or modified. If removed, the rear seat bottom area must be finished (e.g., carpeted, metal). The driver’s seating area must not cross the vehicle longitudinal centerline and not intrude into the OE rear seat bottom cushion area.
- Upholstered interior panels (door panels, kick panels, etc.) may be replaced with another upholstered or finished panel. Non-upholstered interior panels may be replaced with a panel of any material. Alternate panels must cover any opening(s) the OE panel(s) concealed.
- The dashboard may be modified but must cover the original area and be “finished.”
- Headliner may be replaced or removed.
- Exposed metal interior surfaces must be covered, painted, and/or coat-

ed. (No “race car” interiors, please.)

- Fuel tank/cell may be modified or replaced and must be separated from the driver/passengers as originally manufactured or by a metal panel/bulkhead if the OE structure is modified. Fuel must not vent into the driver/passenger compartment directly or indirectly.
- Front splitter, air dam, and/or spoiler may be added below the bumper, but must not extend past the perimeter of the original body excluding non-integral bumpers except OE or equivalent for the body style.
- Rear spoiler may be added, but may extend no more than 10” from the original body nor past the perimeter of the body. No rear wings may be added except OE or equivalent.
- Body electrical system components and wiring are unrestricted.

### **Wheel and Tire Allowances**

- Any wheels are allowed. Non-metallic wheels must be certified/approved from an appropriate, recognized standards organization (e.g., FIA, SFI, SAE, TUV, etc.).
- DOT tires with a UTQG Treadwear Grade of 200 or higher are permitted. EXCLUDED: Kumho Ecsta V720 ACR; Michelin Pilot Sport Cup 2 and Pilot Sport Cup 2 ZP; Yokohama ADVAN A052.

### **Brake, Suspension, and Steering System Allowances**

- Components, lines, hoses, and method of attachment are unrestricted.

### **Engine and Drive Train Allowances**

- Components (internal and external) are unrestricted.

### **Supplemental Classes – offered at SCCA® National Solo® events**

**CAM C** (Contemporary) (car and truck body styles from 1990-2019, plus CAM T cars meeting CAM C minimum weight)

- INCLUDED: Chevrolet SS (2014-16); Pontiac G8 (2008-09) and GTO (2004-06).
- Sedans/coupes with seating originally for 4 or more adults and trucks.
- Interior floor covering(s) may be replaced, but not removed.
- Weight without driver, minimum (lbs.) ..... 3300
- Additional weight for Lexan® windshield (lbs.).....+150

**CAM T** (Traditional) (car and truck body styles originating from 1954-89)

- Examples: Chevrolet Camaro (-1992), Ford Mustang (-1993)
- All CAM C restrictions apply except minimum weight below.
- Weight without driver, minimum (lbs.) ..... 3000

**CAM S** (Sports) (all eligible vehicles)

- Sports cars, sedans/coupes, trucks, and 1965-67 Cobra roadster replica “kit cars” with seating for 2 or more adults.
- Interior floor covering may be removed.
- Weight without driver, minimum (lbs.):
  - Corvette (1984-19); Viper (-2012) ..... 2900
  - All other cars..... 2500
- Additional weight for Lexan® windshield (lbs.) .....+150

## APPENDIX C - SOLO® ROLL BAR STANDARDS

### A. BASIC DESIGN CONSIDERATIONS

1. The basic purpose of the roll bar is to protect the driver in case the vehicle rolls over. This purpose should not be forgotten.
2. The top of the roll bar shall not be below the top of the driver's helmet when the driver is in normal driving position, and shall not be more than 6 inches behind the driver. EXCEPTION: For Modified Category Specials (Section 18.4), the bar must extend at least 2.0" (50.8 mm) above the driver's helmet in the normal seated position and a head restraint keeping the driver's head from going under or behind the roll bar is required. It is strongly suggested that all roll bars extend at least 3.0" (76.2 mm) above the driver's helmet. In case of two-driver cars, both drivers must be within the roll bar height requirement, however only one (1) driver must be within 6.0" (152.4 mm) of the roll bar. In a closed car or an open car with a removable OE hardtop which is equipped with a roll bar/cage, it must be as close as possible to the interior top of the car.
3. The roll bar must be designed to withstand compression forces resulting from the weight of the car coming down on the roll structure, and to take fore-and-aft loads resulting from the car skidding along the ground on the roll structure.
4. The two (2) vertical members forming the sides of the hoop shall not be less than 15.0" (381 mm) apart (inside dimension). It is desirable that the roll bar extend the full width of the cockpit to provide maximum bearing area in all soil conditions during rollovers. The roll bar vertical members on formula cars and other single seat cars with a center driver position must be not less than fifteen inches apart, inside dimension, at their attachment points to the uppermost main chassis member.
5. An inspection hole of at least  $\frac{3}{16}$ " (0.1875", 4.75 mm) diameter must be drilled in a non-critical area of a roll bar member to facilitate verification of wall thickness. This should be at least 3.0" (76.2 mm) from any weld or bend.
6. It is recommended that steel gusset plates be used at all welds. Gussets should be at least 2.0" (50.8 mm) long on each leg and  $\frac{3}{16}$ " (0.1875", 4.75 mm) thick.
7. It is recommended that roll bars be coated only with a light coat of paint. If, however, a roll bar should be chrome-plated, it is recommended that the structure be normalized.
8. Post or tripod types of roll bars are not acceptable.

### B. MATERIAL

After 09/22/1985, aluminum is not an acceptable alternate material. Cars using aluminum roll bars or roll cages must file proof with SCCA® Solo® Department that the structure was approved prior to 09/22/1985 as pro-

vided in this Section.

1. The roll bar hoop and all braces must be of seamless ERW or DOM mild steel tubing (SAE 1010, 1020, 1025) or equivalent, or alloy steel tubing (SAE 4130). It is strongly recommended that roll bars not be constructed of ERW due to quality and strength concerns. Docal R8 is also considered an acceptable material (tube sizing and wall thickness requirements are as per SAE 4130).
2. The size of tubing to be used shall be determined on the basis of the weight and speed potential of the car. The following minimum sizes are required and are based upon the weight of the car without the driver.

Vehicle Weight (lbs.)	Tubing Size (min.) outside diameter x wall thickness (in.)
Over 2500	1.500 x 0.120
	1.750 x 0.095
	2.000 x 0.080
1501 - 2500	1.500 x 0.095
	1.625 x 0.080
1000 - 1500	1.250 x 0.090
	1.375 x 0.080
Under 1000	1.000 x 0.060

Dimensions are nominal. 0.005" (0.127 mm) variation in wall thickness is allowed.

3. Each mounting plate shall be at least 0.080" (2.03 mm) thick if welded and 3/16" (0.1875", 4.75 mm) thick if bolted. A minimum of three (3) bolts per plate is required for bolted mounting plates.
4. All bolts and nuts shall be SAE Grade 5 or better and 5/16" (0.3125", 8.0 mm) minimum diameter.

**C. FABRICATION**

1. One continuous length of tubing must be used for the hoop member with smooth continuous bends and no evidence of crimping or wall failure.
2. All welding must be of the highest possible quality with full penetration and will be subjected to very critical inspection. Arc welding, particularly heliarc, should be used wherever possible.

**D. BRACING**

1. It is recommended that braces be of the same size tubing as used for the roll bar itself.
2. All roll bars must be braced in a manner to prevent movement in a fore-and-aft direction with the brace attached within the top one-third of the roll hoop, and at an angle of at least thirty degrees (30°) from vertical. It is strongly recommended that two such braces be used, parallel to the

sides of the car, and placed at the outer extremities of the roll bar hoop. Such braces should extend to the rear whenever possible.

3. It is suggested that roll bars include a transverse brace from the bottom of the hoop on one side to the top of the hoop on the other side.

### **E. MOUNTING PLATES**

1. Roll bars and braces must be attached to the frame of the car wherever possible. Mounting plates may be used for this purpose where desired.
2. In the case of cars with unitized or frameless construction, mounting plates may be used to secure the roll bar structure to the floor of the car. The important consideration is that the load be distributed over as large an area as possible. A backup plate of equal size and thickness must be used on the opposite side of the panel with the plates through-bolted together.

### **F. REMOVABLE ROLL BARS**

Removable roll bars and braces must be very carefully designed and constructed to be at least as strong as a permanent installation. If one tube fits inside another tube to facilitate removal, the removable portion must bottom on the permanent mounting, and at least two bolts must be used to secure each such joint. The telescope section must be at least eight inches in length.

### **G. INSTALLATION ON CARS OF SPACE FRAME AND FRAMELESS DESIGN**

It is important that roll bar structures be attached to cars in such a way as to spread the loads over a wide area. It is not sufficient to simply attach the roll bar to a single tube or junction of tubes. The roll bar must be designed in such a way as to be an extension of the frame itself, not simply an attachment to the frame. Considerable care must be used to add as necessary to the frame structure itself in such a way as to properly distribute the loads. It is not true that a roll bar can only be as strong as any single tube in the frame.

### **H. ROLL CAGES**

It is recommended but not mandatory that all cars utilize a roll cage as defined in the current Club Racing GCR Section 9.4, Roll Cages For GT And Production Based Cars, or Section 9.4.5, Roll Cages For Formula Cars and Sports Racing Cars.

### **I. ROLL BAR PADDING**

Braces and portions of the main hoop subject to contact by the driver's or passenger's helmet, as seated normally and restrained by seat belt and harness, must be padded with a non-resilient material such as Ethafoam® or Ensolite® or other similar material with a minimum thickness of ½" (0.50", 12.7 mm).